

8/13/05 10/693, 161

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FILE 'HOME' ENTERED AT 18:11:14 ON 13 AUG 2005

=> fil reg
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 0.42 0.42

FILE 'REGISTRY' ENTERED AT 18:12:13 ON 13 AUG 2005
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STRUCTURE FILE UPDATES: 12 AUG 2005 HIGHEST RN 860111-75-7
DICTIONARY FILE UPDATES: 12 AUG 2005 HIGHEST RN 860111-75-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

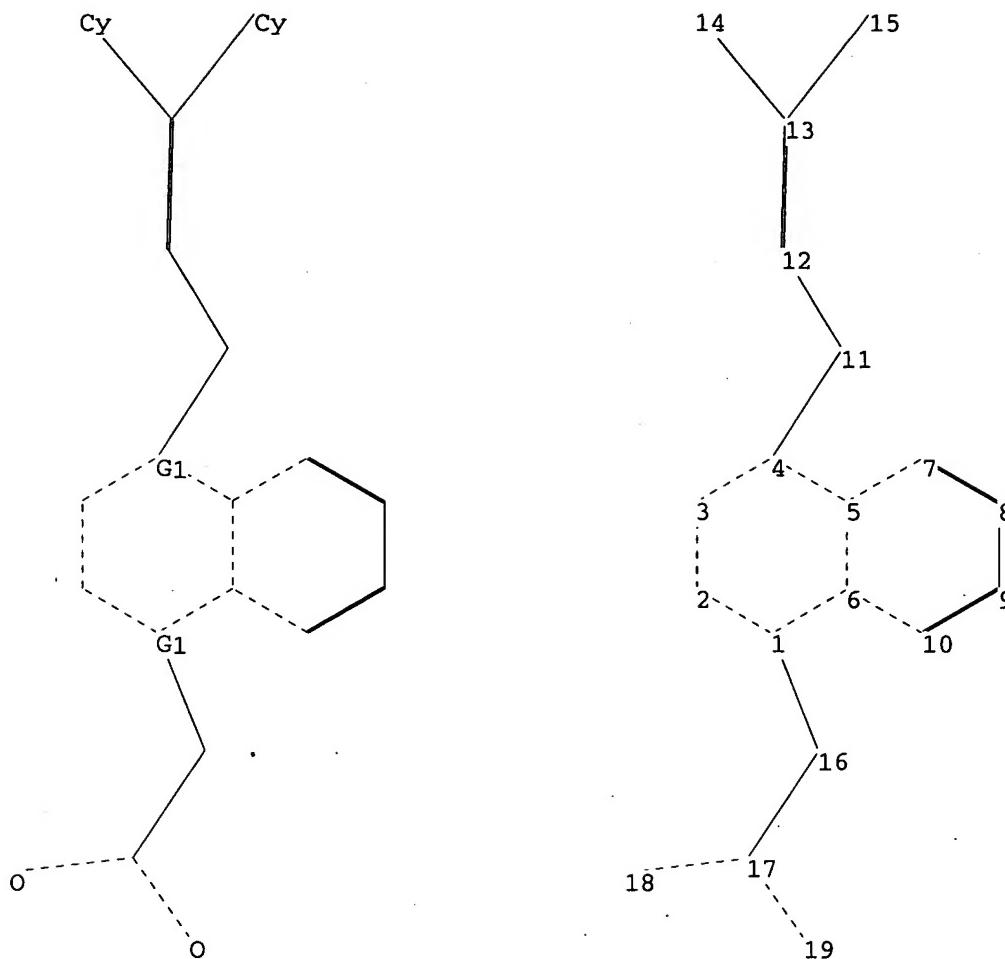
Please note that search-term pricing does apply when conducting SmartSELECT searches.

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*****
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added.   *
* effective March 20, 2005. A new display format, IDERL, is now     *
* available and contains the CA role and document type information. *
*****
Structure search iteration limits have been increased. See HELP SLIMITS
for details.
```

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

```
=> Uploading C:\Program Files\Stnexp\Queries\10693161\10693161f.str
```



```

chain nodes :
11 12 13 14 15 16 17 18 19
ring nodes :
1 2 3 4 5 6 7 8 9 10
chain bonds :
1-16 4-11 11-12 12-13 13-14 13-15 16-17 17-18 17-19
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10
exact/norm bonds :
1-2 1-6 1-16 2-3 3-4 4-5 4-11 5-6 5-7 6-10 7-8 8-9 9-10 11-12 12-13
13-14 13-15 16-17 17-18 17-19

```

G1:O,S

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:CLASS 13:CLASS 14:Atom 15:Atom 16:CLASS 17:CLASS 18:CLASS
19:CLASS

```

L1 STRUCTURE UPLOADED

```

=> d
L1 HAS NO ANSWERS
L1 STR

```

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *
Structure attributes must be viewed using STN Express query preparation.

=> s L1
SAMPLE SEARCH INITIATED 18:12:35 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 7 TO ITERATE

100.0% PROCESSED 7 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 7 TO 298
PROJECTED ANSWERS: 0 TO 0

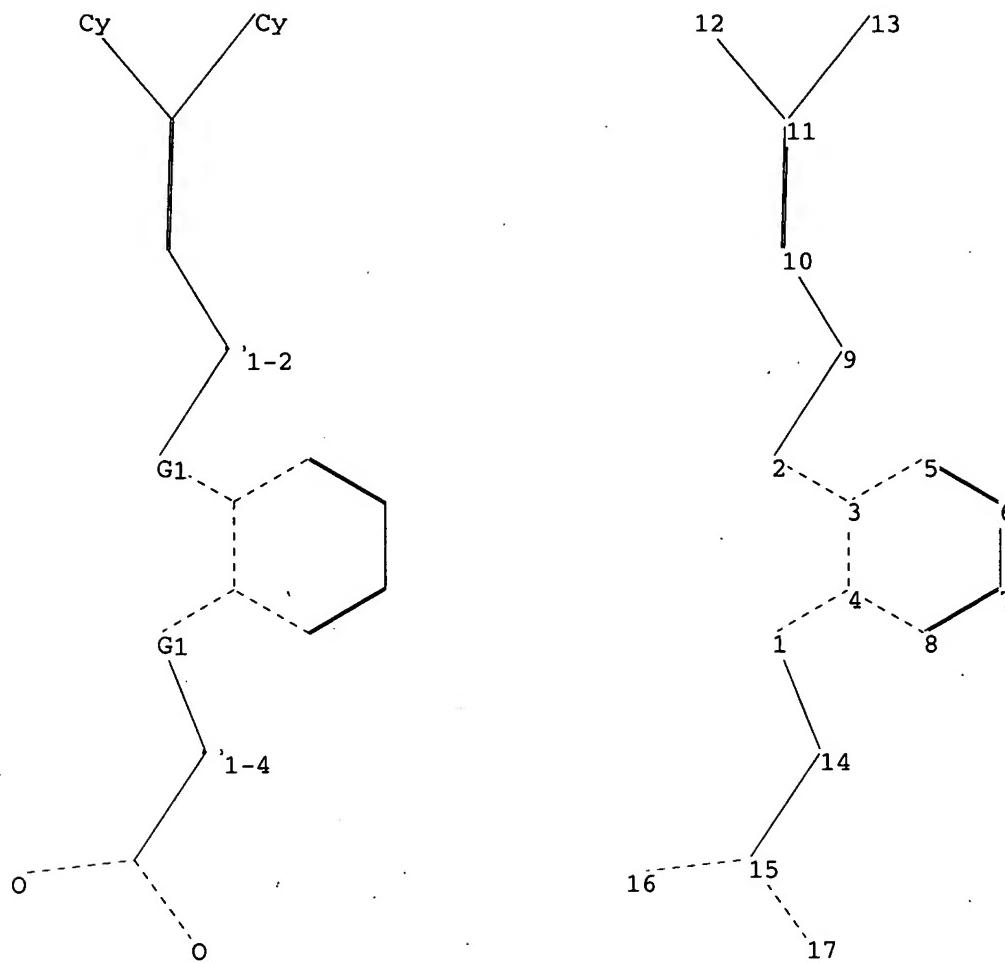
L2 0 SEA SSS SAM L1

=> s L1 full
FULL SEARCH INITIATED 18:12:39 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 95 TO ITERATE

100.0% PROCESSED 95 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=>
Uploading C:\Program Files\Stnexp\Queries\10693161\1069316gf.str



chain nodes :
 1 2 9 10 11 12 13 14 15 16 17
 ring nodes :
 3 4 5 6 7 8
 chain bonds :
 1-14 1-4 2-9 2-3 9-10 10-11 11-12 11-13 14-15 15-16 15-17
 ring bonds :
 3-4 3-5 4-8 5-6 6-7 7-8
 exact/norm bonds :
 1-14 1-4 2-9 2-3 3-4 3-5 4-8 5-6 6-7 7-8 11-12 11-13 15-16 15-17
 exact bonds :
 9-10 10-11 14-15

G1:O,S

Match level :
 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:CLASS 10:CLASS
 11:CLASS 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS

L4 STRUCTURE UPLOADED

=> d
 L4 HAS NO ANSWERS
 L4 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *
Structure attributes must be viewed using STN Express query preparation.

=> s L4
SAMPLE SEARCH INITIATED 18:14:16 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 24709 TO ITERATE

8.1% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 484777 TO 503583
PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4

=> s L4 full
FULL SEARCH INITIATED 18:14:20 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 489333 TO ITERATE

100.0% PROCESSED 489333 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.08

L6 0 SEA SSS FUL L4

=> fil reg
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 325.24 325.66

FILE 'REGISTRY' ENTERED AT 18:16:53 ON 13 AUG 2005
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STRUCTURE FILE UPDATES: 12 AUG 2005 HIGHEST RN 860111-75-7
DICTIONARY FILE UPDATES: 12 AUG 2005 HIGHEST RN 860111-75-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

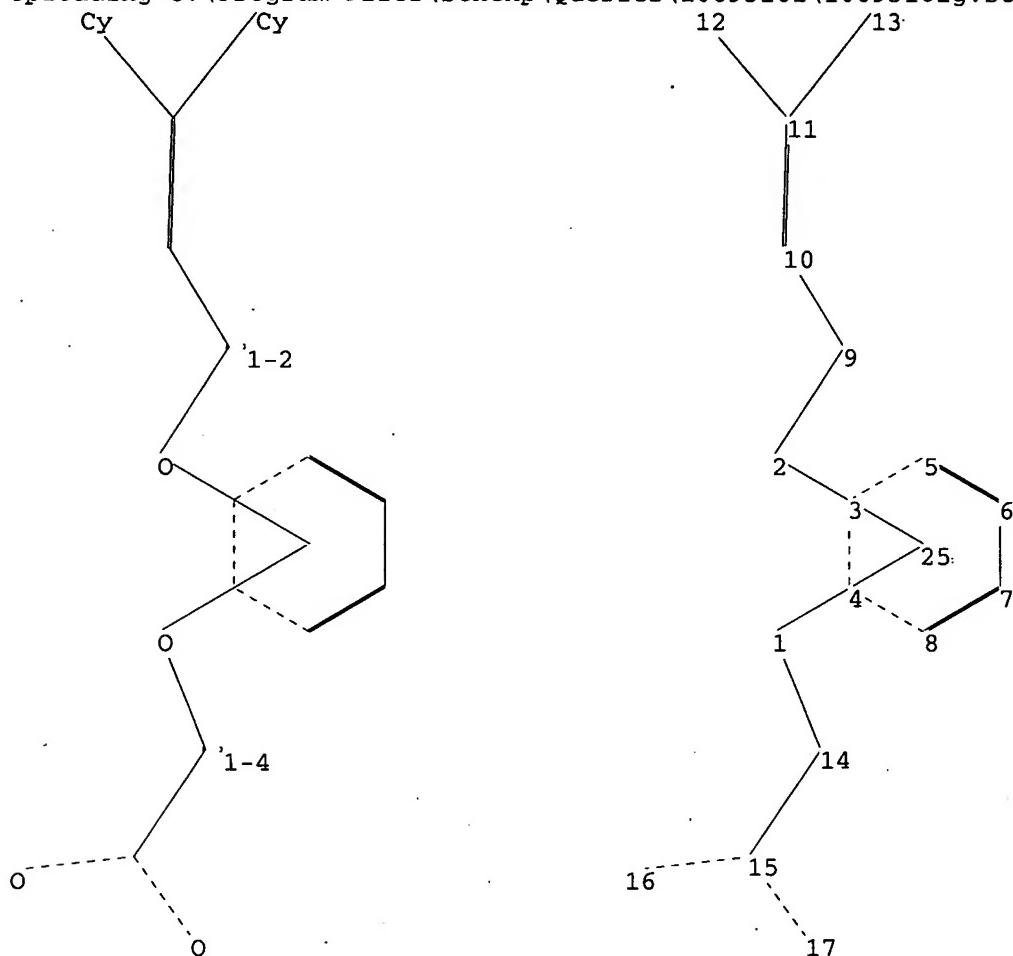
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS
for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10693161\10693161g.str



chain nodes :

1 2 9 10 11 12 13 14 15 16 17

ring nodes :

3 4 5 6 7 8

chain bonds :

1-14 2-9 9-10 10-11 11-12 11-13 14-15 15-16 15-17

ring bonds :

3-5 3-4 4-8 5-6 6-7 7-8

exact/norm bonds :

1-14 2-9 3-5 3-4 4-8 5-6 6-7 7-8 11-12 11-13 15-16 15-17

exact bonds :

9-10 10-11 14-15

G1:O,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:CLASS 10:CLASS
11:CLASS 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 24:CLASS
25:CLASS

L7 STRUCTURE UPLOADED

=> d
L7 HAS NO ANSWERS
L7 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s L7
SAMPLE SEARCH INITIATED 18:17:17 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 19140 TO ITERATE

10.4% PROCESSED 2000 ITERATIONS 1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 374519 TO 391081
PROJECTED ANSWERS: 6 TO 376

L8 1 SEA SSS SAM L7

=> s L7 full
FULL SEARCH INITIATED 18:17:24 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 384020 TO ITERATE

100.0% PROCESSED 384020 ITERATIONS 190 ANSWERS
SEARCH TIME: 00.00.08

L9 190 SEA SSS FUL L7

=> fil caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 161.33 486.99

FILE 'CAPLUS' ENTERED AT 18:17:44 ON 13 AUG 2005
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FILE COVERS 1907 - 13 Aug 2005 VOL 143 ISS 8
FILE LAST UPDATED: 12 Aug 2005 (20050812/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s L9
L10 2 L9

=> d ibib abs 1-2

DOCUMENT NUMBER: 140:374984

TITLE: Preparation of [(diarylethyl)sulfanyl]phenoxy]acetic acids and esters as PPAR activators for treatment of diabetes and related conditions
 INVENTOR(S): Jeppesen, Lone; Mogensen, John Patrick; Pettersson, Ingrid; Sauerberg, Per; Plihara, Pavel; Havranek, Miroslav

PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
 SOURCE: PCT Int. Appl. 124 pp.

DOCUMENT TYPE: Patent
 LANGUAGE: English

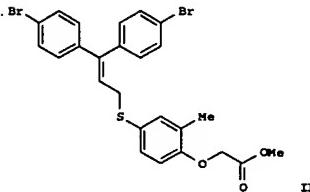
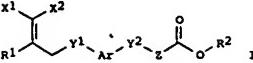
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037776	A2	20040506	WO 2003-DK722	20031027
WO 2004037776	A3	20040610		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UC, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TU, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, HL, MR, NE, SN, TD, TG				
US 2005070583	A1	20050331	US 2003-693161	20031024
CA 2503280	AA	20040506	CA 2003-2503280	20031027
EP 1558572	A2	20050803	EP 2003-757741	20031027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.: DK 2002-1631	A	20021028		
	DK 2003-793	A	20030526	
	US 2002-423467P	P	20021104	
	WO 2003-DK722	W	20031027	

OTHER SOURCE(S): MARPAT 140:374984

GI



AB Title compds. I [wherein X1 and X2 = independently (un)substituted (hetero)aryl; Ar = (un)substituted arylene; Y1 and Y2 = independently O or

S; Z = (CH₂)_n; n = 1-3; R1 = H, halo, or optionally halo-substituted (cyclo)alkyl, alkenyl, alkynyl, (hetero)aralkyl, (cyclo)alkoxy, aryloxy, (hetero)aralkoxy, (cyclo)alkylthio, or arylthio; R2 = H, (cyclo)alkyl, alkenyl, alkynyl, alkynyl, or aryl; or pharmaceutically acceptable salts, solvates, tautomeric forms, stereoisomers, mixts. of

stereoisomers, or polymorphs thereof] were prepared as peroxisome proliferator activated receptors (PPAR) activators (no data). Thus, I and their pharmaceutical compns. are useful for the treatment and/or prevention of conditions mediated by PPAR, particularly subtype PPAR₈, such as diabetes, impaired glucose tolerance, insulin resistance, obesity, dyslipidemia, syndrome X, cardiovascular disease, and hypercholesterolemia (no data).

For example, coupling of 4,4'-dibromobenzophenone with tri-Et phosphonoacetate

In toluene and THF using NaH provided Et 3,3-bis(4-bromophenyl)acrylate (73%). Reduction of the ester to the alc. (76%) using DBAL-H in THF and toluene, followed by reaction with (4-mercaptop-2-methylphenoxy)acetic acid

Me ester in the presence of ADDP and tributylphosphine in THF gave II (88%).

ACCESSION NUMBER: 2004:220310 CAPLUS

DOCUMENT NUMBER: 140:270625

TITLE: Preparation of [(bis(biphenyl)allyl)oxy]phenoxy]acetic acid and analogs as PPAR₈ agonists for treatment of diabetes and related conditions
 INVENTOR(S): Jeppesen, Lone; Mogensen, John Patrick; Pettersson, Ingrid; Sauerberg, Per

PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.

SOURCE: PCT Int. Appl. 78 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

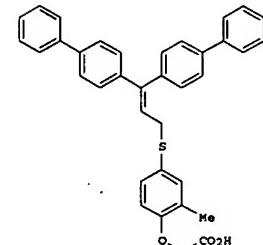
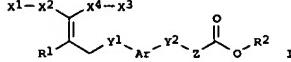
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004022533	A1	20040318	WO 2003-DK578	20030904
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UC, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TU, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, HL, MR, NE, SN, TD, TG				
CA 2499380	AA	20040318	CA 2003-2499380	20030904
US 2004143006	A1	20040722	US 2003-654699	20030904
EP 1537076	A1	20050608	EP 2003-793608	20030904
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.: DK 2002-1301	A	20020905		
	DK 2003-784	A	20030523	
	US 2002-409814P	P	20020911	
	WO 2003-DK578	W	20030904	

OTHER SOURCE(S): MARPAT 140:270625

GI



AB Title vinyl carboxylic acid derivs. I [wherein X1 and X3 = independently (un)substituted (hetero)aryl; X2 and X4 = independently (un)substituted (hetero)arylene; Ar = (un)substituted arylene; Y1 and Y2 = independently O or

S; Z = (CH₂)_n; n = 1-3; R1 = H, halo, or (un)substituted (cyclo)alkyl, alkenyl, alkynyl, (hetero)aralkyl, (cyclo)alkoxy, aryloxy, (hetero)aralkoxy, (cyclo)alkylthio, or arylthio; R2 = H, (cyclo)alkyl, alkenyl, alkynyl, alkynyl, or aryl; or pharmaceutically acceptable salts, solvates, tautomers, stereoisomers, or polymorphs thereof] were prepared as

peroxisome proliferator-activated receptor δ (PPAR δ) agonists (no data). For example, 4,4'-dibromobenzophenone was coupled with tri-Et phosphonoacetate in the presence of NaH in toluene to give Et 3,3-bis(4-bromophenyl)acrylate (73%). Reduction using DBAL-H in THF

(76%), followed by ADDP-catalyzed condensation with (4-mercaptop-2-methylphenoxy)acetic acid Me ester in THF (88%) afforded II. Also disclosed is the use of I and their pharmaceutical compns. for the treatment of PPAR δ -mediated conditions, such as diabetes, impaired glucose tolerance, insulin resistance, or obesity (no data).

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

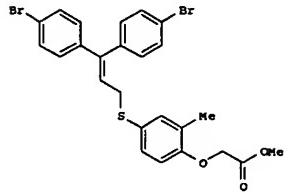
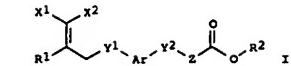
=> d ibib abs 1-2 fhitstr

L10 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:370692 CAPLUS
 DOCUMENT NUMBER: 140:374984
 TITLE: Preparation of [(diarylallyl)sulfanyl]phenoxy)acetic acids and esters as PPAR activators for treatment of diabetes and related conditions
 INVENTOR(S): Jeppesen, Lone; Mogensen, John Patrick; Pettersson, Ingrid; Sauerberg, Per; Pihera, Pavel; Havranek, Miroslav
 PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
 SOURCE: PCT Int. Appl., 124 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037776	A2	20040506	WO 2003-DK722	20031027
WO 2004037776	A3	20040610		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HK, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UC, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BP, BJ, CF, CG, CI, CM, GA, GN, GQ, GM, ML, MR, NE, SN, TD, TG				
US 2005070583	A1	20050311	US 2003-693161	20031024
CA 2503280	AA	20040506	CA 2003-2503280	20031027
EP 1558572	A2	20050803	EP 2003-757741	20031027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.:		DK 2002-1631	A 20021028	
		DK 2003-793	A 20030526	
		US 2002-423467P	P 20021104	
		WO 2003-DK722	W 20031027	

OTHER SOURCE(S): MARPAT 140:374984
 GI

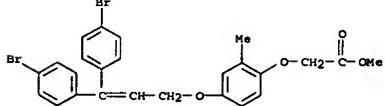
L10 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



AB Title compds. I [wherein X1 and X2 = independently (un)substituted (hetero)aryl; Ar = (un)substituted arylene; Y1 and Y2 = independently O or S; Z = (CH₂)_n; n = 1-3; R1 = H, halo, or optionally halo-substituted (cyclo)alkenyl, alkynyl, (hetero)aralkyl, (cyclo)alkoxy, aryloxy, (hetero)aralkoxy, (cyclo)alkylthio, or arylthio; R2 = H, (cyclo)alkyl, alkenyl, alkynyl, alkynyl, or aryl; or pharmaceutically acceptable salts, solvates, tautomeric forms, stereoisomers, mixts. of stereopolymers, or polymorphs thereof] were prepared as peroxisome proliferator activated receptors (PPAR) activators (no data). Thus, I and their pharmaceutical compns. are useful for the treatment and/or prevention of conditions mediated by PPAR, particularly subtype PPAR₅, such as diabetes, impaired glucose tolerance, insulin resistance, obesity, dyslipidemia, syndrome X, cardiovascular disease, and hypercholesterolemia (no data).

For example, coupling of 4,4'-dibromobenzophenone with tri-Et phosphonacetate in toluene and THF using NaH provided Et 3,3-bis(4-bromophenyl)acrylate (73%). Reduction of the ester to the alc. (76%) using DIBAL-H in THF and toluene, followed by reaction with (4-mercaptop-2-methylphenoxy)acetic acid Me ester in the presence of ADDP and tributylphosphine in THF gave II (88%).
 IT 685138-70-9, (4-(3,3-Bis(4-bromophenyl)allyloxy)-2-methylphenoxy)acetic acid methyl ester
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
 (PPAR activator; preparation of (PPAR activator; preparation of [(diarylallyl)sulfanyl]phenoxy)acetates as PPAR activators for treatment of diabetes and related conditions)
 RN 685138-70-9 CAPLUS
 CN Acetic acid,
 (4-(3,3-bis(4-bromophenyl)-2-propenyl)oxy)-2-methylphenoxy)-methyl ester (9CI) (CA INDEX NAME)

L10 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

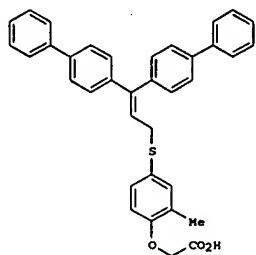
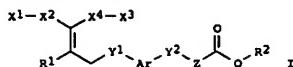


L10 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:220310 CAPLUS
 DOCUMENT NUMBER: 140:270625
 TITLE: Preparation of [(bis(biphenyl)allyloxy)phenoxy]acetic acids and analogs as PPAR₅ agonists for treatment of diabetes and related conditions
 INVENTOR(S): Jeppesen, Lone; Mogensen, John Patrick; Pettersson, Ingrid; Sauerberg, Per
 PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
 SOURCE: PCT Int. Appl., 78 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004022533	A1	20040318	WO 2003-DK578	20030904
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HK, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UC, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BP, BJ, CF, CG, CI, CM, GA, GN, GQ, GM, ML, MR, NE, SN, TD, TG				
CA 2499380	AA	20040318	CA 2003-2499380	20030904
US 2004143006	A1	20040722	US 2003-654699	20030904
EP 1537076	A1	20050608	EP 2003-793608	20030904
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.:		DK 2002-1301	A 20020905	
		DK 2003-784	A 20030523	
		US 2002-409814P	P 20020911	
		WO 2003-DK578	W 20030904	

OTHER SOURCE(S): MARPAT 140:270625
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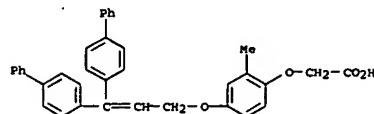


AB Title vinyl carboxylic acid derivs. I [wherein X1 and X3 = independently (un)substituted (hetero)aryl; X2 and X4 = independently (un)substituted (hetero)arylene; Ar = (un)substituted arylene; Y1 and Y2 = independently

O or S; Z = (CH₂)_n; n = 1-3; R1 = H, halo, or (un)substituted (cyclo)alkyl, alkenyl, alkynyl, (hetero)aralkyl, (cyclo)alkoxy, aryloxy, (hetero)aralkoxy, (cyclo)alkylthio, arylthio; R2 = H, (cyclo)alkyl, alkenyl, alkynyl, or aryl; or pharmaceutically acceptable salts, solvates, tautomers, stereoisomers, or polymorphs thereof] were prepared as peroxisomes proliferator-activated receptor δ (PPAR δ) agonists (no data). For example, 4,4'-dibromobiphenolone was coupled with tri-Et phosphonoacetate in the presence of NaH in toluene to give Et 3,3-bis(4-bromophenyl)acrylate (73%). Reduction using DIBAL-H in THF (76%), followed by ADDP-catalyzed condensation with (4-mercaptop-2-methylphenoxy)acetic acid Me ester in THF (88%) afforded [4-(3,3-bis(4-bromophenyl)allylsulfanyl)-2-methylphenoxy]acetic acid Me ester. Saponification (93%) and substitution with phenylboronic acid using K₂CO₃, and Pd(Pt-Bu)₃]2 in THF (53%) provided II. Also disclosed is the use of I and their pharmaceutical compns. for the treatment of PPAR δ -mediated conditions such as diabetes, impaired glucose tolerance, insulin resistance, or obesity (no data).

IT 673479-21-59, [4-(3,3-Bis(biphenyl-4-yl)allyloxy)-2-methylphenoxy]acetic acid
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); TRU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses);
(PPAR δ agonist; preparation of di(hetero)arylvinylic acids

as



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	16.98	503.97
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.92	-2.92

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10/693, 16/a. 8/13/05

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NEWS WWW CAS World Wide Web Site (general information)

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COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
0.21	0.21

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FILE 'REGISTRY' ENTERED AT 16:57:03 ON 13 AUG 2005
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STRUCTURE FILE UPDATES: 12 AUG 2005 HIGHEST RN 860111-75-7
DICTIONARY FILE UPDATES: 12 AUG 2005 HIGHEST RN 860111-75-7

New CMS Information Use Policies – see the CMS HELPFUL USE AGREEMENTS for details.

TSGA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2025

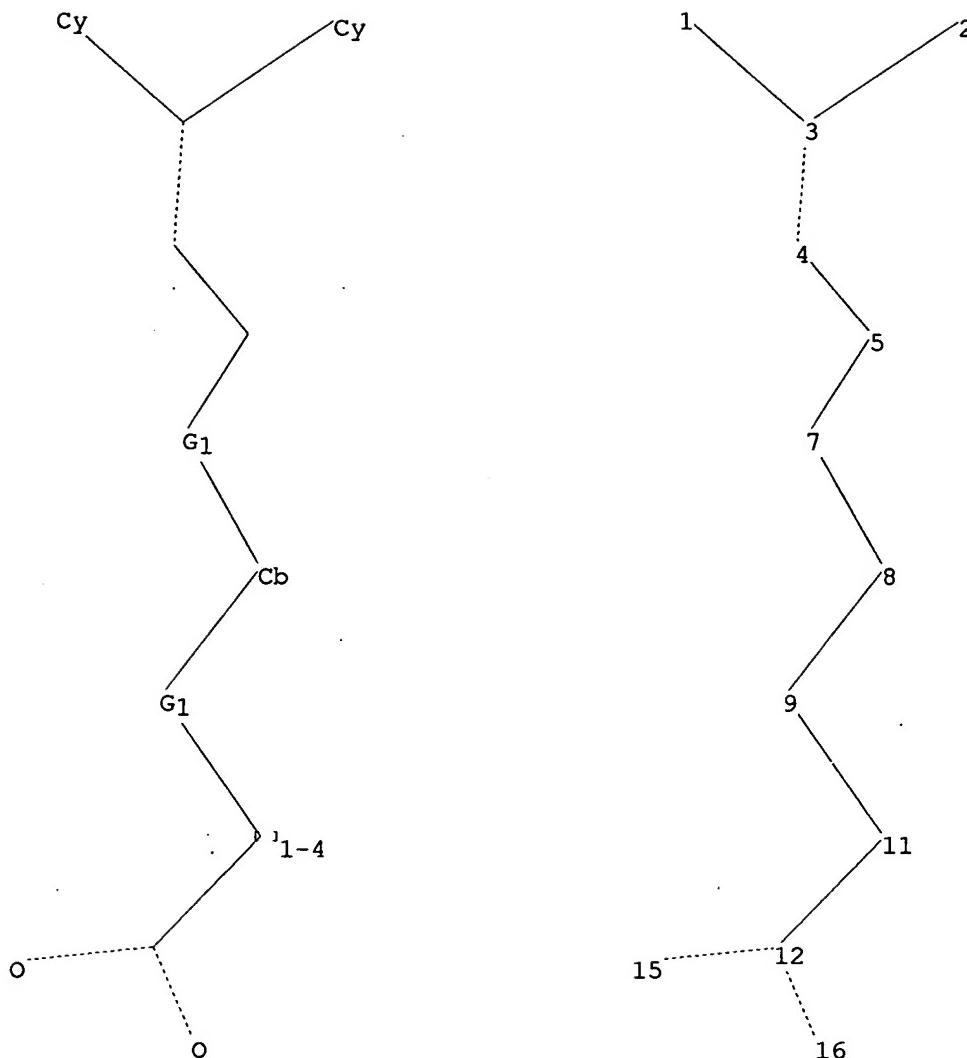
Please note that search-term pricing does apply when conducting SmartSELECT searches.

* The CA roles and document type information have been removed from
* the IDE default display format and the ED field has been added,
* effective March 20, 2005. A new display format, IDERL, is now
* available and contains the CA role and document type information.

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10693161a.str



chain nodes :
 1 2 3 4 5 7 8 9 11 12 15 16
 chain bonds :
 1-3 2-3 3-4 4-5 5-7 7-8 8-9 9-11 11-12 12-15 12-16
 exact/norm bonds :
 1-3 2-3 3-4 5-7 7-8 8-9 9-11 12-15 12-16
 exact bonds :
 4-5 11-12

G1:O,S

Match level :
 1:Atom 2:Atom 3:CLASS 4:CLASS 5:CLASS 7:CLASS 8:Atom 9:CLASS 11:CLASS
 12:CLASS 15:CLASS 16:CLASS

L1 STRUCTURE UPLOADED

=> d
 L1 HAS NO ANSWERS
 L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SEARCH INITIATED 16:57:19 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 212694 TO ITERATE

0.9% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 0

L2 0 SEA SSS SAM L1

=> s L1 full
FULL SEARCH INITIATED 16:57:23 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - >1,000,000 TO ITERATE

< 12.0% PROCESSED 509617 ITERATIONS 0 ANSWERS
< 17.7% PROCESSED 750811 ITERATIONS 537 ANSWERS
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< 21.8% PROCESSED 927924 ITERATIONS 537 ANSWERS
SEARCH ENDED BY USER
SEARCH TIME: 00.00.47

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
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L3 537 SEA SSS FUL L1

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COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 161.76 161.97

FILE 'CAPLUS' ENTERED AT 16:58:15 ON 13 AUG 2005
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FILE COVERS 1907 - 13 Aug 2005 VOL 143 ISS 8

FILE LAST UPDATED: 12 Aug 2005 (20050812/ED)

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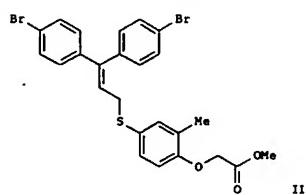
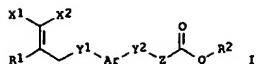
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L4 3 L3

=> d 1-3 ibib abs hitstr

TITLE: Preparation of [(diarylallyl)sulfanyl]phenoxy)acetic acids and esters as PPAR activators for treatment of diabetes and related conditions
 INVENTOR(S): Jeppesen, Lone; Mogensen, John Patrick; Pettersson, Ingrid; Sauerberg, Per; Pihera, Pavel; Havranek, Miroslav
 PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
 SOURCE: PCT Int. Appl., 124 pp.
 CODEN: PIXOD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037776	A2	20040506	WO 2003-DK722	20031027
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US 2005070583	A1	20050331	US 2003-693161	20031024
CA 2503280	AA	20040506	CA 2003-2503280	20031027
EP 1558572	A2	20050803	EP 2003-757741	20031027
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PRIORITY APPLN. INFO.:		DK 2002-1631	A 20021028	
		DK 2003-793	A 20030526	
		US 2002-423467P	P 20021104	
		WO 2003-DK722	W 20031027	

OTHER SOURCE(S): MARPAT 140:374984
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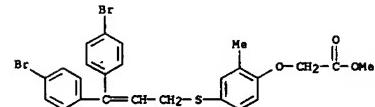


AB Title compds. I [wherein X1 and X2 = independently (un)substituted (hetero)aryl; Ar = (un)substituted arylene; Y1 and Y2 = independently O or S; Z = (CH2)nR - 1-3; R1 = H, halo, or optionally halo-substituted (cyclo)alkenyl, alkynyl, (hetero)aralkyl, (cyclo)alkoxy, aryloxy, (hetero)alkoxy, (cyclo)alkylthio, or arylthio; R2 = H, (cyclo)alkyl, alkenyl, alkynyl, or aryl; or pharmaceutically acceptable salts, solvates, tautomeric forms, stereoisomers, mixts. of stereoisomers, or polymorphs thereof] were prepared as peroxisome proliferator activated receptors (PPAR) activators (no data). Thus, I and their pharmaceutical compns. are useful for the treatment and/or prevention of conditions mediated by PPAR, particularly subtype PPAR δ , such as diabetes, impaired glucose tolerance, insulin resistance, obesity, dyslipidemia, syndrome X, cardiovascular disease, and hypercholesterolemia (no data). For example, coupling of 4,4'-dibromobiphenophenone with tri-Et phosphonacetate in toluene and THF using NaH provided Et₃E 3,3-bis(4-bromophenyl)acrylate (73%). Reduction of the ester to the alc. (76%) using DIBAL-H in THF and toluene, followed by reaction with 4-mercaptop-2-methylphenoxy)acetic acid Me ester in the presence of ADDP and tributylphosphine in THF gave II (88%).

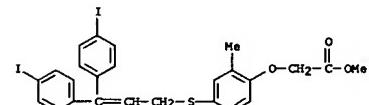
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L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 methyl ester 685138-12-2P, [4-[{[3,3-Bis(4-bromophenyl)-2-ethoxyallyl]sulfanyl}-2-methylphenoxy]acetic acid methyl ester 685138-17-7P, (2)-[4-[{[3-(Benzob)thiophen-2-yl]-3-(4-bromophenyl)allyl]sulfanyl}-2-methylphenoxy]acetic acid 685138-21-3P, (2)-[4-[{[3-(4-Bromophenyl)-3-(5-methylthiophen-2-yl)allyl]sulfanyl}-2-methylphenoxy]acetic acid 685138-24-6P, [4-[{[3-(furan-2-yl)-3-(4-trifluoromethylphenyl)allyl]sulfanyl}-2-methylphenoxy]acetic acid 685138-32-6P, (2)-[4-[{[3-(5-Methylthiophen-2-yl)-3-(4-trifluoromethylphenyl)allyl]sulfanyl}-2-methylphenoxy]acetic acid 685138-35-9P, [4-[{[3-(Benzob)thiophen-3-yl)-3-(4-trifluoromethylphenyl)allyl]sulfanyl}-2-methylphenoxy]acetic acid 685138-38-2P, [4-[{[3-(Benzob)thiophen-2-yl)-3-(4-trifluoromethylphenyl)allyl]sulfanyl}-2-methylphenoxy]acetic acid 685138-41-5P, R1: PAC (Pharmacological activity); RCT (Reactant); SPA (Synthetic preparation); TRU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses); (PPAR activator; prepn. of [(diarylallyl)sulfanyl]phenoxy)acetates as PPAR activators for treatment of diabetes and related conditions)

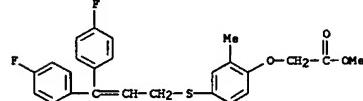
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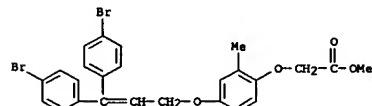
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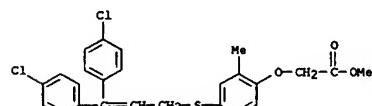
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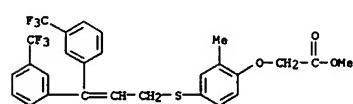
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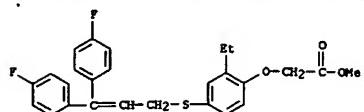
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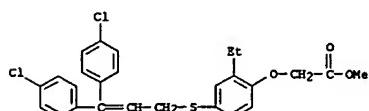
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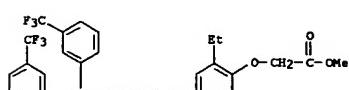
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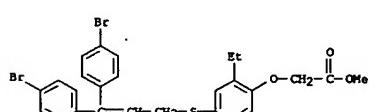
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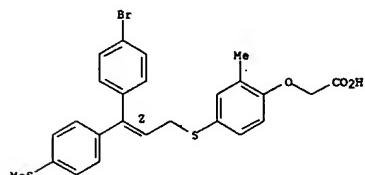
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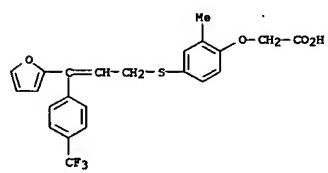
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RN 685138-99-2 CAPLUS
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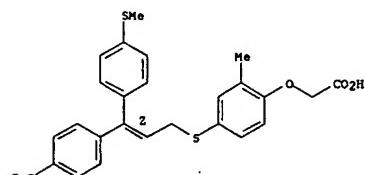


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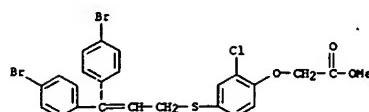


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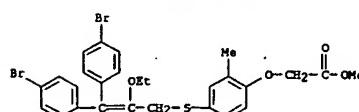
Double bond geometry as shown.



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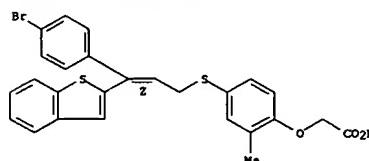


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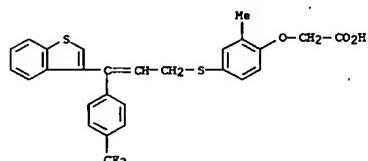
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Double bond geometry as shown.

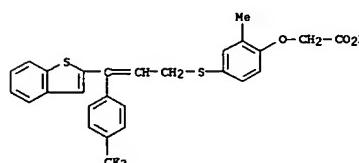


RN 685139-21-3 CAPLUS
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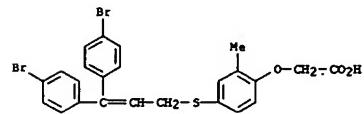


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CN Acetic acid, [4-[{3-benz[b]thien-2-yl-3-[4-(trifluoromethyl)phenyl]-2-propenyl}thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

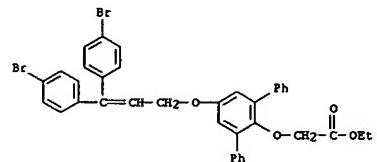


IT 673479-09-9P, [4-[{3-Bis(4-bromophenyl)allyl}sulfanyl]-2-methylphenoxy]acetic acid 685138-57-2P, [4-[3,3-Bis(4-bromophenyl)allyl]-2,6-diphenylphenoxy]acetic acid ethyl ester 685138-61-6P 685138-64-1P, [4-[{3,3-Bis(4-iodophenyl)allyl}sulfanyl]-2-methylphenoxy]acetic acid 685138-69-6P, [4-[{3,3-Bis(4-fluorophenyl)allyl}sulfanyl]-2-methylphenoxy]acetic acid 685138-75-4P, [4-[{3,3-Bis(4-chlorophenyl)allyl}sulfanyl]-2-methylphenoxy]acetic acid 685138-80-3P, [4-[{3,3-Bis(4-chlorophenyl)allyl}sulfanyl]-2-methylphenoxy]acetic acid 685138-82-3P, [4-[{3,3-Bis(3-trifluoromethylphenyl)allyl}sulfanyl]-2-methylphenoxy]acetic acid 685138-93-6P, [4-[{3,3-Bis(4-chlorophenyl)allyl}sulfanyl]-2-ethylphenoxy]acetic acid 685138-98-9P, [4-[{3,3-Bis(3-trifluoromethylphenyl)allyl}sulfanyl]-2-ethylphenoxy]acetic acid 685138-98-1P, [4-[{3,3-Bis(4-bromophenyl)allyl}sulfanyl]-2-ethylphenoxy]acetic acid 685138-10-0P, [4-[{3,3-Bis(4-bromophenyl)allyl}sulfanyl]-2-chlorophenoxy]acetic acid 685138-15-5P, [4-[{3,3-Bis(4-bromophenyl)2-ethoxyallyl}sulfanyl]-2-methylphenoxy]acetic acid 685138-20-2P 685138-23-5P 685138-31-5P 685138-34-8P 685138-37-1P 685138-40-6P 685138-41-7P, [4-[3,3-Bis(4-chlorophenyl)allyl]sulfanyl]acetic acid 685139-43-9P, [4-[{3,3-Bis(4-chlorophenyl)allyl}sulfanyl]-2-chlorophenoxy]acetic acid 685139-46-2P, [4-[{3,3-Bis(4-chlorophenyl)allyl}sulfanyl]-2-trifluoromethylphenoxy]acetic acid 685139-48-4P,

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 [4-[(3-methylchlorophenyl)allyl]sulfanyl]-2-trifluoromethylphenoxy)acetic acid 685139-51-9P,
 [4-[(3,3-Di(furan-2-yl)allyl)sulfanyl]-2-trifluoromethylphenoxy)acetic acid 685139-53-1P, [4-[(3,3-Bis(4-methoxyphenyl)allyl)sulfanyl]-2-methoxyphenoxy)acetic acid 685139-56-4P, [4-[(3,3-Bis(4-chlorophenyl)allyl)sulfanyl]-2-methoxyphenoxy)acetic acid
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (PPAR activators; prepn. of [(diaryllallyl)sulfanyl]phenoxy)acetates as PPAR activators for treatment of diabetes and related conditions)
 RN 673479-09-9 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4-bromophenyl)-2-propenyl)thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 685138-57-2 CAPLUS
 CN Acetic acid, [5'-(3,3-bis(4-bromophenyl)-2-propenyl)oxy]-1,1':3',1''-terphenyl-2'-yl)oxy]- ethyl ester (9CI) (CA INDEX NAME)

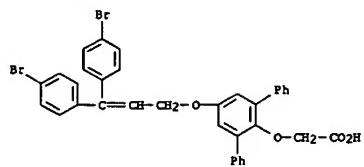


RN 685138-61-8 CAPLUS
 CN L-Arginine, mono-[5'-(3,3-bis(4-bromophenyl)-2-propenyl)oxy]-1,1':3',1''-terphenyl-2'-yl)oxy]acetate (9CI) (CA INDEX NAME)

CM 1

CRN 685138-60-7
 CMF C35 H26 Br2 O4

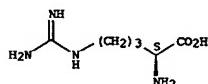
L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



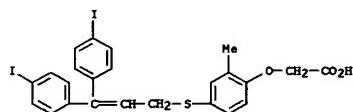
CH 2

CRN 74-79-3
 CMF C6 H14 N4 O2

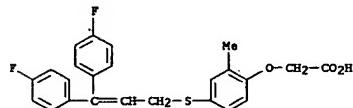
Absolute stereochemistry.



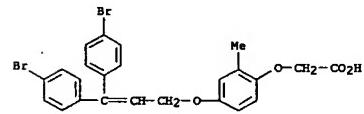
RN 685138-64-1 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4-iodophenyl)-2-propenyl)thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



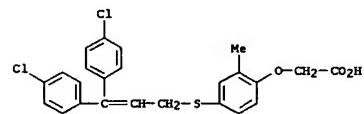
RN 685138-69-6 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4-fluorophenyl)-2-propenyl)thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



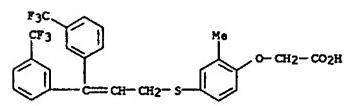
L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 RN 685138-71-0 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4-bromophenyl)-2-propenyl)oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



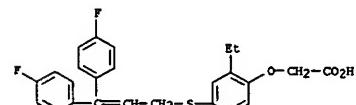
RN 685138-75-4 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4-chlorophenyl)-2-propenyl)thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 685138-82-3 CAPLUS
 CN Acetic acid, [4-[(3,3-bis[3-(trifluoromethyl)phenyl]-2-propenyl)thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

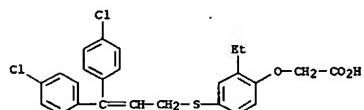


RN 685138-90-3 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4-fluorophenyl)-2-propenyl)thio]-2-ethylphenoxy]- (9CI) (CA INDEX NAME)

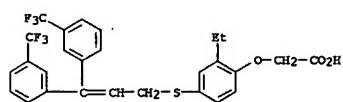


RN 685138-93-6 CAPLUS

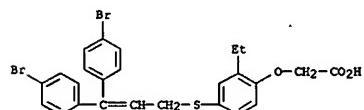
L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[(3,3-bis(4-chlorophenyl)-2-propenyl)thio]-2-ethylphenoxy]- (9CI) (CA INDEX NAME)



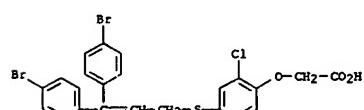
RN 685138-96-9 CAPLUS
 CN Acetic acid, [4-[(3,3-bis[3-(trifluoromethyl)phenyl]-2-propenyl)thio]-2-ethylphenoxy]- (9CI) (CA INDEX NAME)



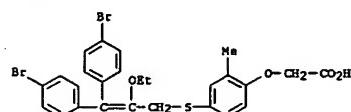
RN 685138-98-1 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4-bromophenyl)-2-propenyl)thio]-2-ethylphenoxy]- (9CI) (CA INDEX NAME)



RN 685138-10-0 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4-bromophenyl)-2-propenyl)thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



RN 685138-15-5 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4-bromophenyl)-2-ethoxy-2-propenyl)thio]-2-

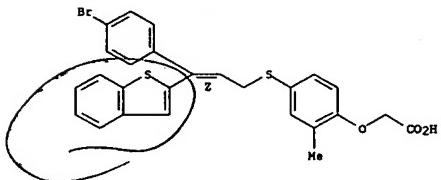


RN 685139-20-2 CAPLUS
CN L-Lysine, mono[(4-[(2Z)-3-benzo[b]thien-2-yl-3-(4-bromophenyl)-2-propenyl]thio)-2-methylphenoxy]acetate] (9CI) (CA INDEX NAME)

CM 1

CRN 685139-17-7
CMF C26 H21 Br O3 S2

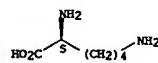
Double bond geometry as shown.



CM 2

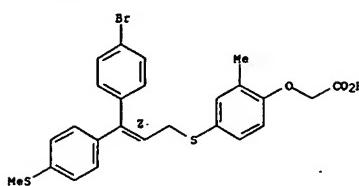
CRN 56-87-1
CMF C6 H14 N2 O2

Absolute stereochemistry.



RN 685139-23-5 CAPLUS
CN L-Lysine, mono[(4-[(2Z)-3-(4-bromophenyl)-3-(4-methylthio)phenyl]-2-propenyl]thio)-2-methylphenoxy]acetate] (9CI) (CA INDEX NAME)

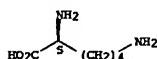
CM 1

CRN 685139-21-3
CMF C25 H23 Br O3 S2

CM 2

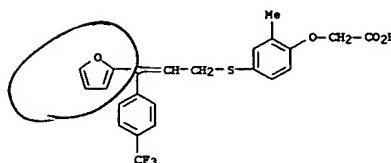
CRN 56-87-1
CMF C6 H14 N2 O2

Absolute stereochemistry.



RN 685139-31-5 CAPLUS
CN L-Lysine, mono[(4-[(3-(2-furanyl)-3-[4-(trifluoromethyl)phenyl]-2-propenyl]thio)-2-methylphenoxy]acetate] (9CI) (CA INDEX NAME)

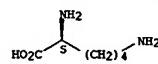
CM 1

CRN 685139-24-6
CMF C23 H19 F3 O4 S

CM 2

CRN 56-87-1
CMF C6 H14 N2 O2

Absolute stereochemistry.

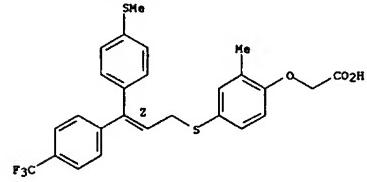


RN 685139-34-8 CAPLUS
CN L-Lysine, mono[(2-methyl-4-[(2Z)-3-(4-(methylthio)phenyl)-3-(4-(trifluoromethyl)phenyl)-2-propenyl]thio)phenoxy]acetate] (9CI) (CA INDEX NAME)

CM 1

CRN 685139-32-6
CMF C26 H23 F3 O3 S2

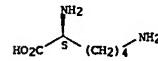
Double bond geometry as shown.



CM 2

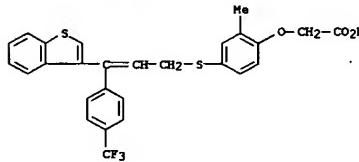
CRN 56-87-1
CMF C6 H14 N2 O2

Absolute stereochemistry.



RN 685139-37-1 CAPLUS
CN L-Lysine, mono[(4-[(3-benzo[b]thien-3-yl-3-(4-(trifluoromethyl)phenyl)-2-propenyl]thio)-2-methylphenoxy]acetate] (9CI) (CA INDEX NAME)

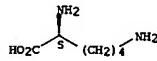
CM 1

CRN 685139-35-9
CMF C27 H21 F3 O3 S2

CM 2

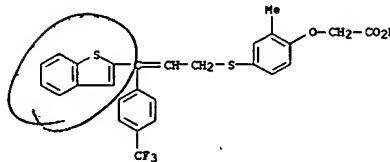
CRN 56-87-1
CMF C6 H14 N2 O2

Absolute stereochemistry.



RN 685139-40-6 CAPLUS
CN L-Lysine, mono[(4-[(3-benzo[b]thien-2-yl-3-(4-(trifluoromethyl)phenyl)-2-propenyl]thio)-2-methylphenoxy]acetate] (9CI) (CA INDEX NAME)

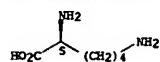
CM 1

CRN 685139-38-2
CMF C27 H21 F3 O3 S2

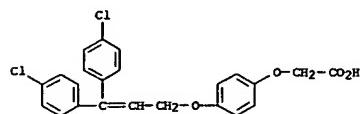
CM 2

CRN 56-87-1
CMF C6 H14 N2 O2

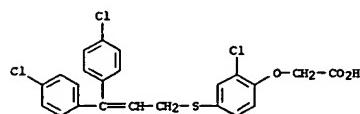
Absolute stereochemistry.



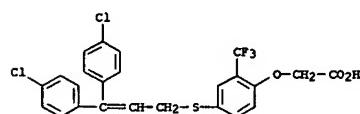
RN 685139-41-7 CAPLUS
CN Acetic acid, [4-[{3,3-bis(4-chlorophenyl)-2-propenyl}oxy]phenoxy]- (9CI) (CA INDEX NAME)



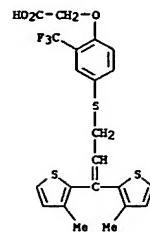
RN 685139-43-9 CAPLUS
CN Acetic acid, [4-[{3,3-bis(4-chlorophenyl)-2-propenyl}thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



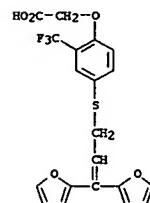
RN 685139-46-2 CAPLUS
CN Acetic acid, [4-[{3,3-bis(4-chlorophenyl)-2-propenyl}thio]-2-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)



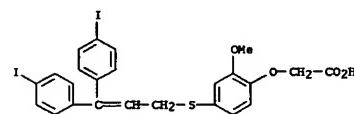
RN 685139-48-4 CAPLUS
CN Acetic acid, [4-[{3,3-bis(3-methyl-2-thienyl)-2-propenyl}thio]-2-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)



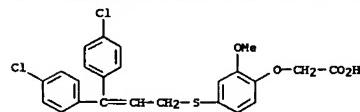
RN 685139-51-9 CAPLUS
CN Acetic acid, [4-[{3,3-di-2-furanyl-2-propenyl}thio]-2-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)



RN 685139-53-1 CAPLUS
CN Acetic acid, [4-[{3,3-bis(4-iodophenyl)-2-propenyl}thio]-2-methoxyphenoxy]- (9CI) (CA INDEX NAME)



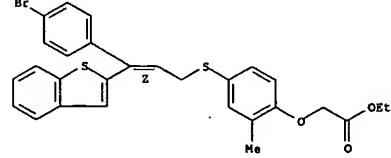
RN 685139-56-4 CAPLUS
CN Acetic acid, [4-[{3,3-bis(4-chlorophenyl)-2-propenyl}thio]-2-methoxyphenoxy]- (9CI) (CA INDEX NAME)



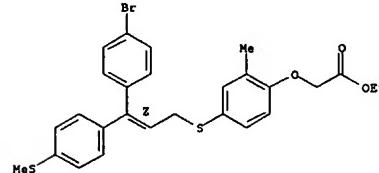
IT 685139-19-9P, Ethyl (Z)-[4-[{3-(Benz[b]thiophen-2-yl)-3-(4-bromophenyl)allyl}sulfanyl]-2-methylphenoxy]acetate 685139-22-4P , Ethyl (Z)-[4-[{3-(4-Bromophenyl)-3-(5-methylthiophen-2-yl)allyl}sulfanyl]-2-methylphenoxy]acetate 685139-30-4P , Ethyl (Z)-[4-[{3-(Furan-2-yl)-3-(4-trifluoromethylphenyl)allyl}sulfanyl]-2-methylphenoxy]acetate 685139-33-7P , Ethyl (Z)-[4-[{3-(5-Methylthiophen-2-yl)-3-(4-trifluoromethylphenyl)allyl}sulfanyl]-2-methylphenoxy]acetate 685139-36-0P , Ethyl (Z)-[4-[{3-(benzo[b]thiophen-3-yl)-3-(4-trifluoromethylphenyl)allyl}sulfanyl]-2-methylphenoxy]acetate 685139-39-3P , Ethyl (Z)-[4-[{3-(benzo[b]thiophen-3-yl)-3-(4-trifluoromethylphenyl)allyl}sulfanyl]-2-methylphenoxy]acetate 685139-42-9P , Ethyl (Z)-[4-[{3-(3-Bis(4-chlorophenyl)allyl)sulfanyl]-2-chlorophenoxy]acetic acid ethyl ester 685139-45-1P , [4-[{3,3-Bis(4-chlorophenyl)allyl}sulfanyl]-2-trifluoromethylphenoxyl]acetic acid ethyl ester 685139-47-3P , [4-[{3,3-Bis(4-chlorophenyl)allyl}sulfanyl]-2-trifluoromethylphenoxyl]acetic acid ethyl ester 685139-50-6P , [4-[{3,3-Bis(3-methylthiophen-2-yl)allyl}sulfanyl]-2-trifluoromethylphenoxyl]acetic acid ethyl ester 685139-52-0P , [4-[{3,3-Bis(2-furanyl)allyl}sulfanyl]-2-trifluoromethylphenoxyl]acetic acid ethyl ester 685139-55-3P , [4-[{3,3-Bis(4-iodophenyl)allyl}-2-methoxyphenoxy]acetic acid methyl ester 685139-57-5P , [4-[{3,3-Bis(4-chlorophenyl)allyl}sulfanyl]-2-methoxyphenoxy]acetic acid methyl ester R1: RCT (Reactant); SPN (Synthetic preparation); PREK (Preparation); RACT (Reactant or reagent)
(Intermediate; preparation of [[(diaryllallyl)sulfanyl]phenoxy]acetates as PPAR activators for treatment of diabetes and related conditions)

RN 685139-19-9 CAPLUS
CN Acetic acid, [4-[{(2Z)-3-benzo[b]thien-2-yl-3-(4-bromophenyl)-2-propenyl}thio]-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.

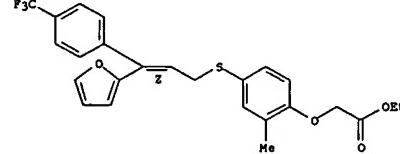


RN 685139-22-4 CAPLUS
CN Acetic acid, [4-[{(2Z)-3-(4-bromophenyl)-3-[4-(methylthio)phenyl]-2-propenyl}thio]-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



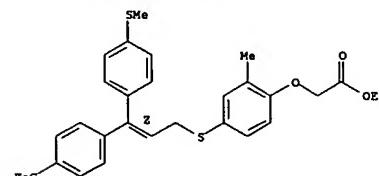
RN 685139-30-4 CAPLUS
CN Acetic acid, [4-[{(2Z)-3-(2-furanyl)-3-[4-(trifluoromethyl)phenyl]-2-propenyl}thio]-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



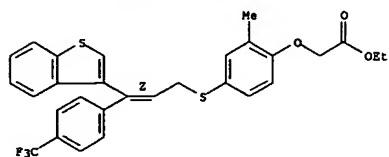
RN 685139-33-7 CAPLUS
CN Acetic acid, [2-methyl-4-[{(2Z)-3-[4-(methylthio)phenyl]-2-propenyl}thio]phenoxy]-, ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



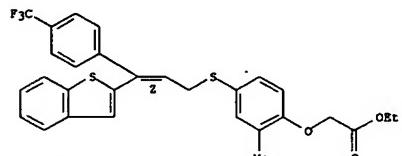
RN 685139-36-0 CAPLUS
CN Acetic acid, [4-[{(2Z)-3-benzo[b]thien-3-yl-3-(4-(trifluoromethyl)phenyl)-2-propenyl}thio]-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.

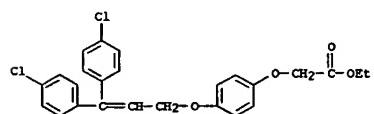


RN 685139-39-3 CAPLUS
CN Acetic acid, [4-[(2Z)-3-benzo[b]thien-2-yl-3-[(4-(trifluoromethyl)phenyl)thio]-2-propenyl]thio]-2-methylphenoxy)-, ethyl ester (9CI) (CA INDEX NAME)

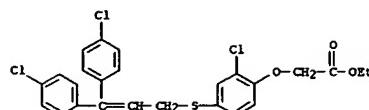
Double bond geometry as shown.



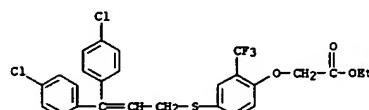
RN 685139-42-8 CAPLUS
CN Acetic acid, [4-[(3,3-bis(4-chlorophenyl)-2-propenyl oxy)phenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



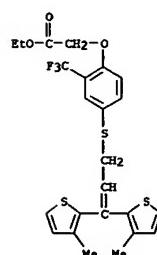
RN 685139-45-1 CAPLUS
CN Acetic acid, [4-[(3,3-bis(4-chlorophenyl)-2-propenyl)thio]-2-chlorophenoxy)-, ethyl ester (9CI) (CA INDEX NAME)



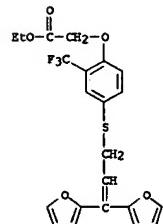
RN 685139-47-3 CAPLUS
CN Acetic acid, [4-[(3,3-bis(4-chlorophenyl)-2-propenyl)thio]-2-(trifluoromethyl)phenoxy)-, ethyl ester (9CI) (CA INDEX NAME)



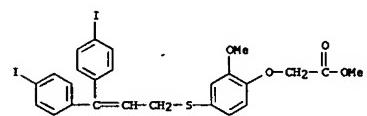
RN 685139-50-8 CAPLUS
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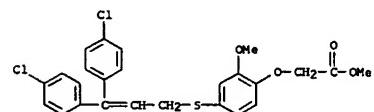
RN 685139-52-0 CAPLUS
CN Acetic acid, [4-[(3,3-di-2-furyl-2-propenyl)thio]-2-(trifluoromethyl)phenoxy)-, ethyl ester (9CI) (CA INDEX NAME)



RN 685139-55-3 CAPLUS
CN Acetic acid, [4-[(3,3-bis(4-iodophenyl)-2-propenyl)thio]-2-methoxyphenoxy)-, methyl ester (9CI) (CA INDEX NAME)



RN 685139-57-5 CAPLUS
CN Acetic acid, [4-[(3,3-bis(4-chlorophenyl)-2-propenyl)thio]-2-methoxyphenoxy)-, methyl ester (9CI) (CA INDEX NAME)



ACCESSION NUMBER: 2004-370891 CAPLUS

DOCUMENT NUMBER: 140:391127

TITLE: Preparation of biphenylallylsulfanyloxyacetates and related compounds for treating peroxisome proliferator activated receptor (PPAR) mediated diseases

INVENTOR(S): Jeppesen, Lone; Pettersson, Ingrid; Sauerberg, Per; Pihera, Pavel; Havranek, Miroslav

PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.

SOURCE: PCT Int. Appl., 69 pp.

CODEN: PIXKD2

DOCUMENT TYPE: Patent

LANGUAGE: English

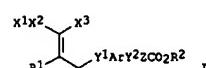
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037775	A1	20040506	WO 2003-DK723	20031027
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KW, LK, LR, LS, LT, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZV				
RW: GH, GR, KR, LS, MW, MZ, SD, SL, SZ, T2, UG, ZM, ZV, AM, AZ, BY, KG, KW, MD, RU, TJ, TM, AT, BE, BG, CH, CY, C2, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TH, BF, BU, CF, CG, CI, CH, GA, GN, GQ, GW, ML, MR, NZ, SN, TD, TG				
US 2005080115	A1	20050414	US 2003-692561	20031024
CA 2503276	AA	20040506	CA 2003-2503276	20031027
EP 1558571	A1	20050803	EP 2003-757742	20031027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IB, SI, LT, LV, FI, RO, HK, CY, AL, TR, BG, C2, EE, HU, SK				
PRIORITY APPLN. INFO.: DK 2002-1629			A 20021028	
US 2002-423644P			P 20021104	
WO 2003-DK723			W 20031027	

OTHER SOURCE(S): MARPAT 140:391127

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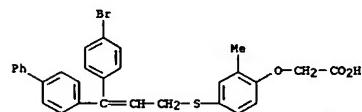
AB Title compds. [I; X1, X3 = (substituted) acyl, heteroacyl; X2, At = (substituted) aryl, arylene; Y1, Y2 = O, S; Z = (CH2)n; n = 1-3; R1 = H, halo, (substituted) alkyl, cycloalkyl, alkenyl, alkyne, aralkyl, heteroaralkyl, alkoxy, cycloalkoxy, alkylthio, etc.; R2 = H, alkyl, cycloalkyl, alkenyl, alkyne, aryl, etc.], were prepared for treatment of PPAR mediated disease (no data). Thus, [4-[3,3-bis(4-bromophenyl)-2-methoxyphenoxy]acetic acid (preparation given), PhB(OH)2, KF, Pd2(dba)3, and Pd(P(tBu)3)2 were stirred in THF to give 686774-25-49 686774-26-59 686774-27-69 686774-28-70 686774-29-89 686774-30-19 686774-31-29 686774-32-39 686774-33-49

IT 686774-25-49 686774-26-59 686774-27-69 686774-28-70 686774-29-89 686774-30-19 686774-31-29 686774-32-39 686774-33-49

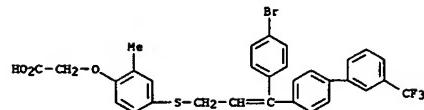
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 686775-68-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of biphenylallylsulfanylphenoxycacetates and related compds. for treating peroxisome proliferator activated receptor (PPAR) mediated diseases)

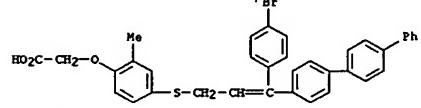
RN 686774-25-4 CAPLUS
 CN Acetic acid, [4-[(3-[1,1'-biphenyl]-4-yl)-3-(4-bromophenyl)-2-propenyl]thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)



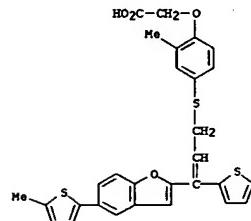
RN 686774-26-5 CAPLUS
 CN Acetic acid, [4-[(3-(4-bromophenyl)-3-[3'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]-2-propenyl)thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)



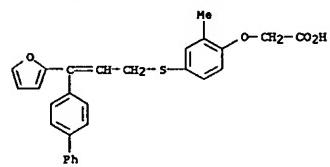
RN 686774-27-6 CAPLUS
 CN Acetic acid, [4-((3-(4-bromophenyl)-3-[1,1':4',1''-terphenyl]-4-yl)-2-propenyl)thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)



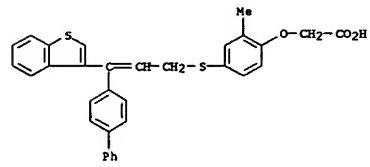
RN 686774-28-7 CAPLUS
 CN Acetic acid, [2-methyl-4-((3-[5-(5-methyl-2-thienyl)-2-benzofuranyl]-3-(2-thienyl)-2-propenyl)thio)phenoxy] - (9CI) (CA INDEX NAME)



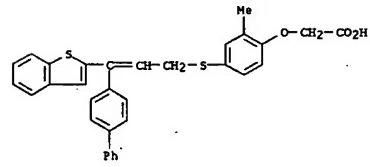
RN 686774-29-8 CAPLUS
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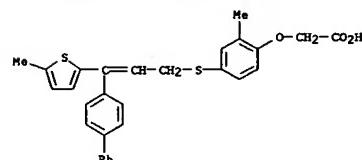
RN 686774-30-1 CAPLUS
 CN Acetic acid, [4-((3-benzo[b]thien-3-yl)-3-[1,1'-biphenyl]-4-yl)-2-propenyl)thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)



RN 686774-31-2 CAPLUS
 CN Acetic acid, [4-((3-benzo[b]thien-2-yl)-3-[1,1'-biphenyl]-4-yl)-2-propenyl)thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

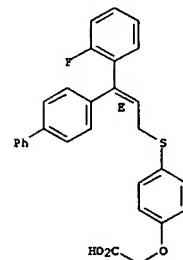


RN 686774-32-3 CAPLUS
 CN Acetic acid, [4-((3-benzo[b]thien-2-yl)-3-(5-methyl-2-thienyl)-2-propenyl)thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)



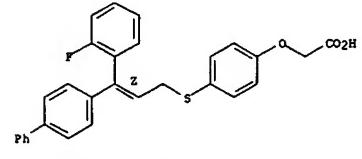
RN 686774-33-4 CAPLUS
 CN Acetic acid, [4-((2E)-3-[1,1'-biphenyl]-4-yl)-3-(2-fluorophenyl)-2-propenyl)thio]phenoxy] - (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 686774-34-5 CAPLUS
 CN Acetic acid, [4-((2E)-3-[1,1'-biphenyl]-4-yl)-3-(2-fluorophenyl)-2-propenyl)thio]phenoxy] - (9CI) (CA INDEX NAME)

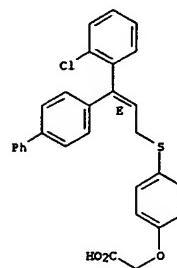
Double bond geometry as shown.



RN 686774-35-6 CAPLUS

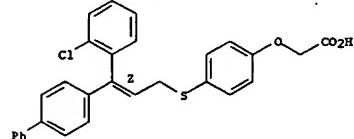
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[(2E)-3-[1,1'-biphenyl]-4-yl-3-(2-chlorophenyl)-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 686774-36-7 CAPLUS
 CN Acetic acid, [4-[(2E)-3-[1,1'-biphenyl]-4-yl-3-(2-chlorophenyl)-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

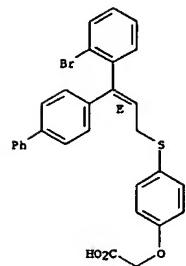
Double bond geometry as shown.



RN 686774-37-8 CAPLUS
 CN Acetic acid, [4-[(2E)-3-[1,1'-biphenyl]-4-yl-3-(2-bromophenyl)-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

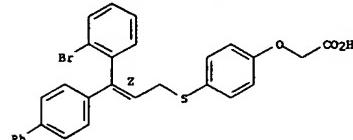
Double bond geometry as shown.

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 686774-38-9 CAPLUS
 CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(2-bromophenyl)-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

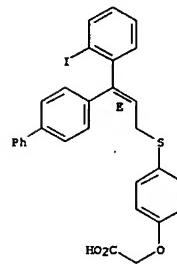
Double bond geometry as shown.



RN 686774-39-0 CAPLUS
 CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(2-iodophenyl)-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

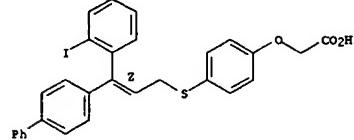
Double bond geometry as shown.

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



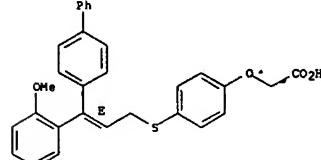
RN 686774-40-3 CAPLUS
 CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(2-iodophenyl)-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



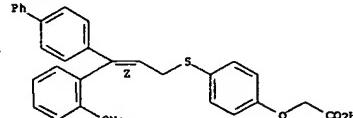
RN 686774-41-4 CAPLUS
 CN Acetic acid, [4-[(2E)-3-[1,1'-biphenyl]-4-yl-3-(2-methoxyphenyl)-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



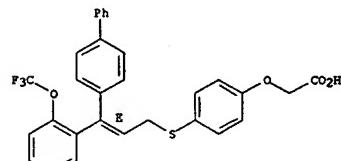
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 RN 686774-42-5 CAPLUS
 CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(2-methoxyphenyl)-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



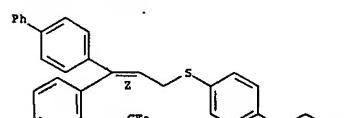
RN 686774-43-6 CAPLUS
 CN Acetic acid, [4-[(2E)-3-[1,1'-biphenyl]-4-yl-3-[2-(trifluoromethoxy)phenyl]-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



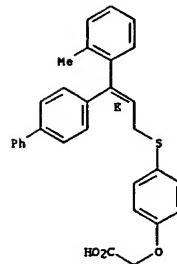
RN 686774-44-7 CAPLUS
 CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-[2-(trifluoromethoxy)phenyl]-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



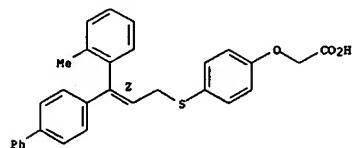
RN 686774-45-8 CAPLUS
 CN Acetic acid, [4-[(2E)-3-[1,1'-biphenyl]-4-yl-3-(2-methylphenyl)-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



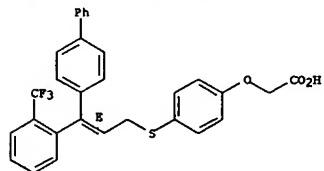
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CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(2-methylphenyl)-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 686774-47-0 CAPIUS
CN Acetic acid, [4-[(2E)-3-[1,1'-biphenyl]-4-yl-3-[2-(trifluoromethyl)phenyl]-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

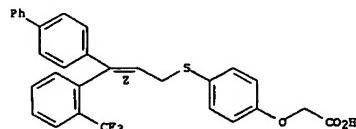
Double bond geometry as shown.



RN 686774-48-1 CAPIUS

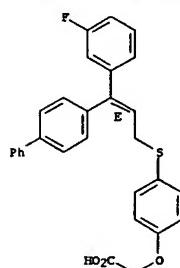
L4 ANSWER 2 OF 3 CAPIUS COPYRIGHT 2005 ACS on STN (Continued)
CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-[2-(trifluoromethyl)phenyl]-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



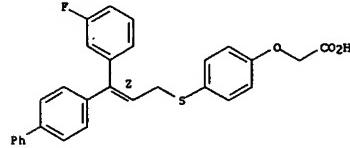
RN 686774-49-2 CAPIUS
CN Acetic acid, [4-[(2E)-3-[1,1'-biphenyl]-4-yl-3-(3-fluorophenyl)-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



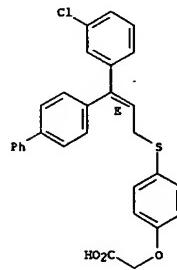
RN 686774-50-5 CAPIUS
CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(3-fluorophenyl)-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



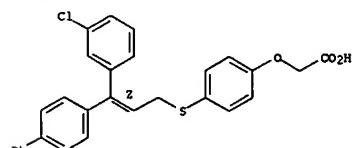
RN 686774-51-6 CAPIUS
CN Acetic acid, [4-[(2E)-3-[1,1'-biphenyl]-4-yl-3-(3-chlorophenyl)-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



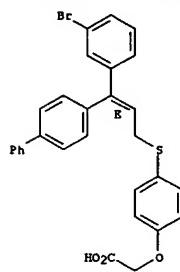
RN 686774-52-7 CAPIUS
CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(3-chlorophenyl)-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



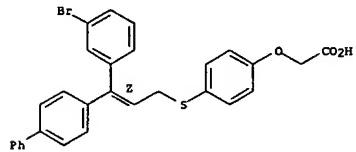
L4 ANSWER 2 OF 3 CAPIUS COPYRIGHT 2005 ACS on STN (Continued)
RN 686774-53-8 CAPIUS
CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(3-bromophenyl)-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



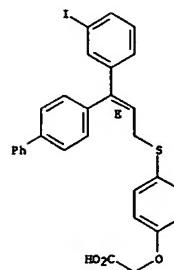
RN 686774-54-9 CAPIUS
CN Acetic acid, [4-[(2E)-3-[1,1'-biphenyl]-4-yl-3-(3-bromophenyl)-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



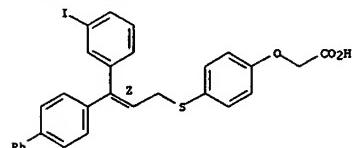
RN 686774-55-0 CAPIUS
CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(3-iodophenyl)-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



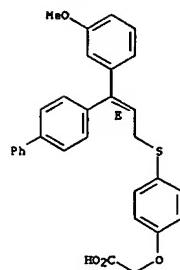
RN 686774-56-1 CAPLUS
CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(3-iodophenyl)-2-propenyl]thiophenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



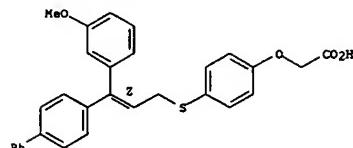
RN 686774-59-4 CAPLUS
CN Acetic acid, [4-[(2E)-3-[1,1'-biphenyl]-4-yl-3-(3-methoxyphenyl)-2-propenyl]thiophenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



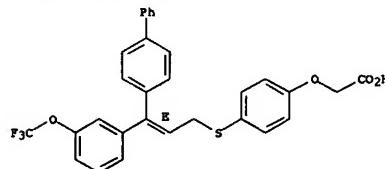
RN 686774-60-7 CAPLUS
CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(3-methoxyphenyl)-2-propenyl]thiophenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



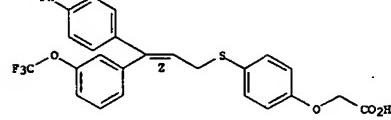
RN 686774-61-8 CAPLUS
CN Acetic acid, [4-[(2E)-3-[1,1'-biphenyl]-4-yl-3-[3-(trifluoromethoxy)phenyl]-2-propenyl]thiophenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



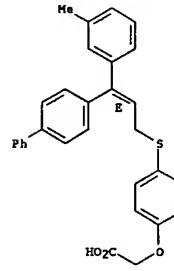
RN 686774-62-9 CAPLUS
CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-[3-(trifluoromethoxy)phenyl]-2-propenyl]thiophenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



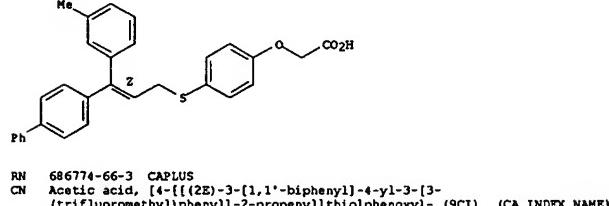
RN 686774-63-0 CAPLUS
CN Acetic acid, [4-[(2E)-3-[1,1'-biphenyl]-4-yl-3-(3-methylphenyl)-2-propenyl]thiophenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



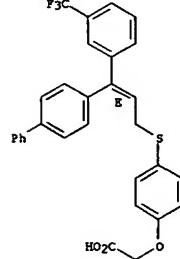
RN 686774-64-1 CAPLUS
CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(3-methylphenyl)-2-propenyl]thiophenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



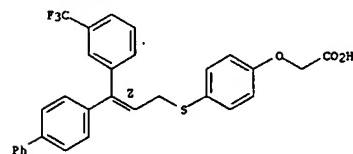
RN 686774-66-3 CAPLUS
CN Acetic acid, [4-[(2E)-3-[1,1'-biphenyl]-4-yl-3-[3-(trifluoromethyl)phenyl]-2-propenyl]thiophenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



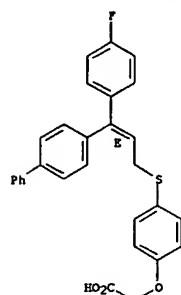
RN 686774-67-4 CAPLUS
CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-[3-(trifluoromethyl)phenyl]-2-propenyl]thiophenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



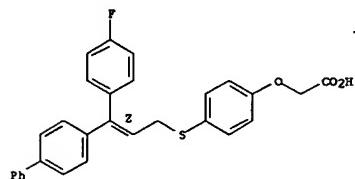
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 RN 686774-68-5 CAPLUS
 CN Acetic acid, [4-[(2E)-3-[1,1'-biphenyl]-4-yl-3-(4-fluorophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 686774-69-6 CAPLUS
 CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(4-fluorophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



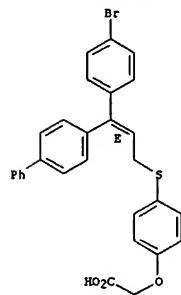
RN 686774-70-9 CAPLUS
 CN Acetic acid, [4-[(2E)-3-[1,1'-biphenyl]-4-yl-3-(4-chlorophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



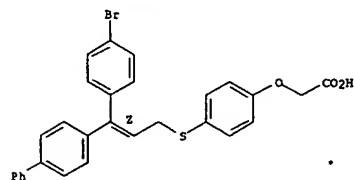
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 RN 686774-73-2 CAPLUS
 CN Acetic acid, [4-[(2E)-3-[1,1'-biphenyl]-4-yl-3-(4-bromophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 686774-75-4 CAPLUS
 CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(4-bromophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

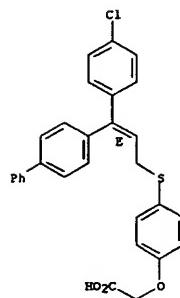
Double bond geometry as shown.



RN 686774-76-5 CAPLUS
 CN Acetic acid, [4-[(2E)-3-[1,1'-biphenyl]-4-yl-3-(4-iodophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

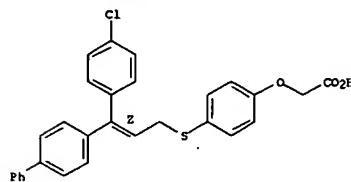
Double bond geometry as shown.

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

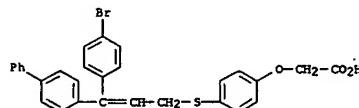


RN 686774-71-0 CAPLUS
 CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(4-chlorophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

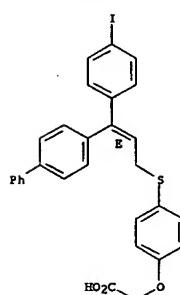
Double bond geometry as shown.



RN 686774-72-1 CAPLUS
 CN Acetic acid, [4-[(3-[1,1'-biphenyl]-4-yl-3-(4-bromophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

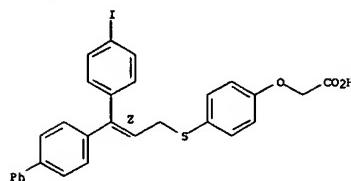


L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



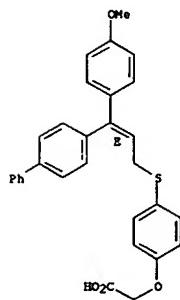
RN 686774-78-7 CAPLUS
 CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(4-iodophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 686774-79-8 CAPLUS
 CN Acetic acid, [4-[(2E)-3-[1,1'-biphenyl]-4-yl-3-(4-methoxyphenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

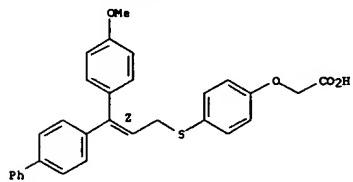
Double bond geometry as shown.



RN 686774-82-3 CAPLUS

CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(4-methoxyphenyl)-2-propenyl]thio]phenoxy] - (9CI) (CA INDEX NAME)

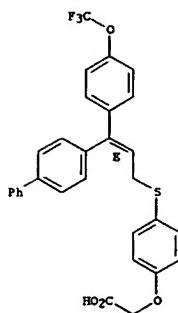
Double bond geometry as shown.



RN 686774-84-5 CAPLUS

CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-[4-(trifluoromethoxyphenyl)-2-propenyl]thio]phenoxy] - (9CI) (CA INDEX NAME)

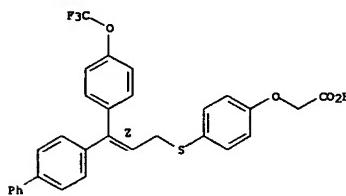
Double bond geometry as shown.



RN 686774-86-7 CAPLUS

CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-[4-(trifluoromethoxyphenyl)-2-propenyl]thio]phenoxy] - (9CI) (CA INDEX NAME)

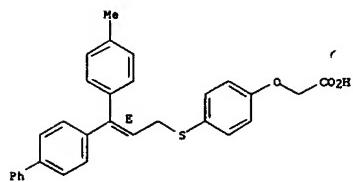
Double bond geometry as shown.



RN 686774-88-9 CAPLUS

CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(4-methylphenyl)-2-propenyl]thio]phenoxy] - (9CI) (CA INDEX NAME)

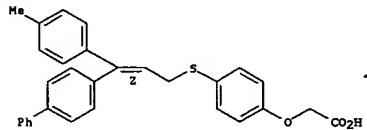
Double bond geometry as shown.



RN 686774-90-3 CAPLUS

CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(4-methylphenyl)-2-propenyl]thio]phenoxy] - (9CI) (CA INDEX NAME)

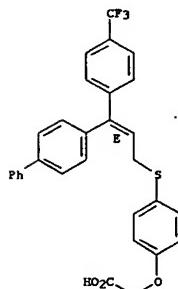
Double bond geometry as shown.



RN 686774-92-5 CAPLUS

CN Acetic acid, [4-[(2E)-3-[1,1'-biphenyl]-4-yl-3-[4-(trifluoromethylphenyl)-2-propenyl]thio]phenoxy] - (9CI) (CA INDEX NAME)

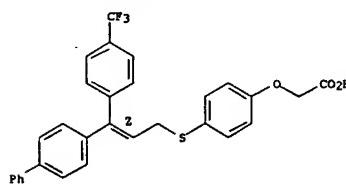
Double bond geometry as shown.



RN 686774-93-6 CAPLUS

CN Acetic acid, [4-[(2Z)-3-[1,1'-biphenyl]-4-yl-3-[4-(trifluoromethylphenyl)-2-propenyl]thio]phenoxy] - (9CI) (CA INDEX NAME)

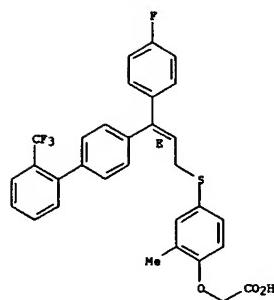
Double bond geometry as shown.



RN 686774-95-8 CAPLUS

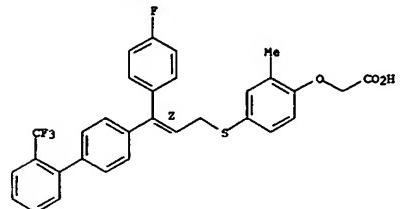
CN Acetic acid, [4-[(2E)-3-(4-fluorophenyl)-2-methylphenyl]-4-yl-2-propenyl]thio]phenoxy] - (9CI) (CA INDEX NAME)

Double bond geometry as shown.

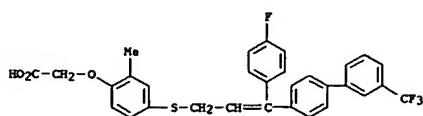


RN 686774-96-9 CAPLUS
 CN Acetic acid, [4-[(2Z)-3-(4-fluorophenyl)-3-[2'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

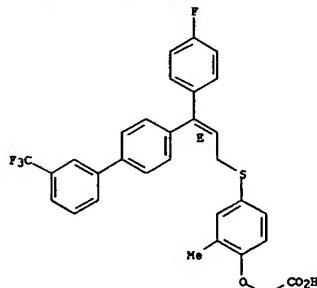


RN 686774-97-0 CAPLUS
 CN Acetic acid, [4-[(2Z)-3-(4-fluorophenyl)-3-[3'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



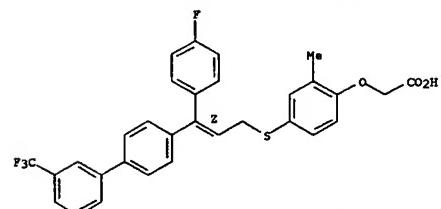
RN 686774-98-1 CAPLUS
 CN Acetic acid, [4-[(2E)-3-(4-fluorophenyl)-3-[3'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



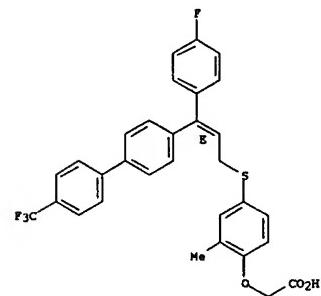
RN 686774-99-2 CAPLUS
 CN Acetic acid, [4-[(2E)-3-(4-fluorophenyl)-3-[3'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



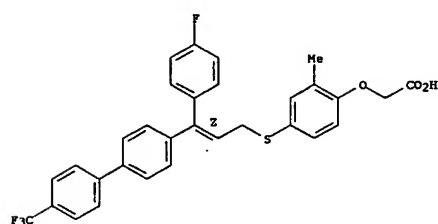
RN 686775-01-9 CAPLUS
 CN Acetic acid, [4-[(2E)-3-(4-fluorophenyl)-3-[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



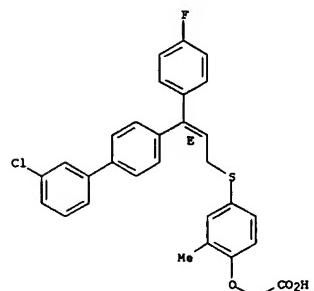
RN 686775-03-1 CAPLUS
 CN Acetic acid, [4-[(2Z)-3-(4-fluorophenyl)-3-[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



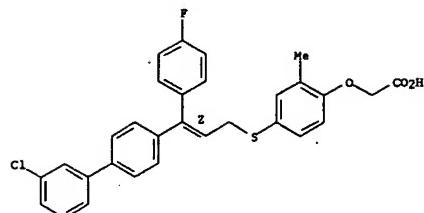
RN 686775-05-3 CAPLUS
 CN Acetic acid, [4-[(2E)-3-(3'-chloro[1,1'-biphenyl]-4-yl)-3-(4-fluorophenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



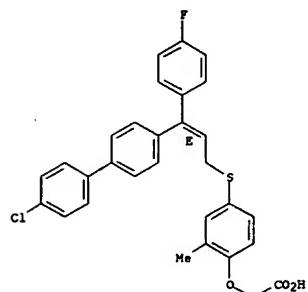
RN 686775-06-4 CAPLUS
 CN Acetic acid, [4-[(2E)-3-(3'-chloro[1,1'-biphenyl]-4-yl)-3-(4-fluorophenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



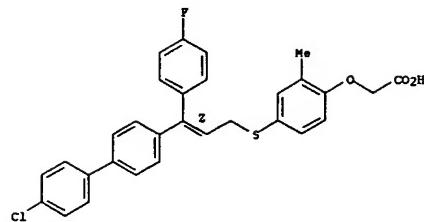
RN 686775-07-5 CAPLUS
CN Acetic acid, [4-[(2E)-3-(4'-chlorobiphenyl)-4-yl]-3-(4-fluorophenyl)-2-propenyl]thio]-2-methylphenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



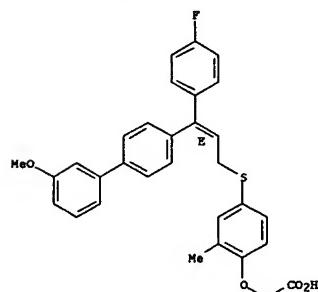
RN 686775-08-6 CAPLUS
CN Acetic acid, [4-[(2Z)-3-(4'-chlorobiphenyl)-4-yl]-3-(4-fluorophenyl)-2-propenyl]thio]-2-methylphenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



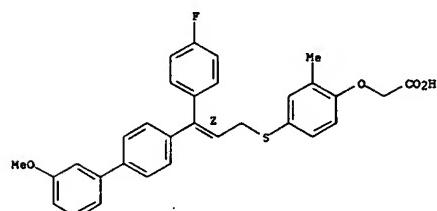
RN 686775-09-7 CAPLUS
CN Acetic acid, [4-[(2E)-3-(4-fluorophenyl)-3-(3'-methoxybiphenyl)-4-yl]-2-propenyl]thio]-2-methylphenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



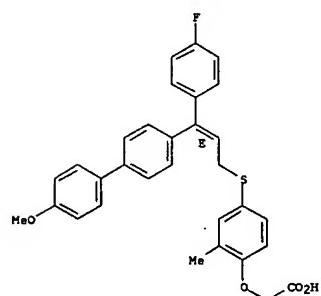
RN 686775-10-0 CAPLUS
CN Acetic acid, [4-[(2Z)-3-(4-fluorophenyl)-3-(3'-methoxybiphenyl)-4-yl]-2-propenyl]thio]-2-methylphenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



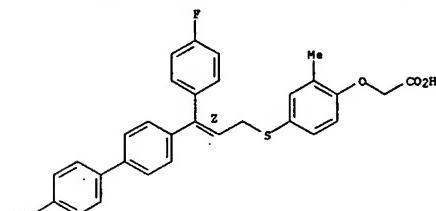
RN 686775-11-1 CAPLUS
CN Acetic acid, [4-[(2E)-3-(4-fluorophenyl)-3-(4'-methoxybiphenyl)-4-yl]-2-propenyl]thio]-2-methylphenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



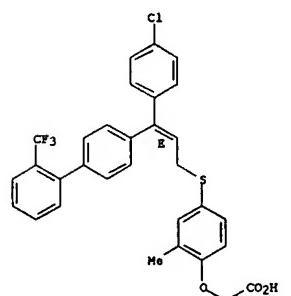
RN 686775-12-2 CAPLUS
CN Acetic acid, [4-[(2Z)-3-(4-fluorophenyl)-3-(4'-methoxybiphenyl)-4-yl]-2-propenyl]thio]-2-methylphenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



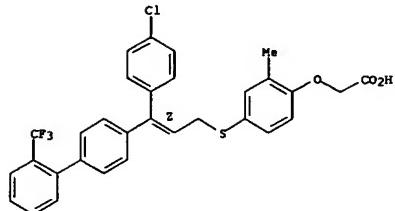
RN 686775-13-3 CAPLUS
CN Acetic acid, [4-[(2E)-3-(4-chlorophenyl)-3-[2'-(trifluoromethyl)biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

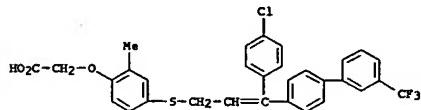


RN 686775-15-5 CAPLUS
CN Acetic acid, [4-[(2Z)-3-(4-chlorophenyl)-3-[2'-(trifluoromethyl)biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

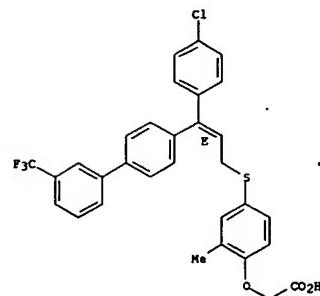


RN 686775-17-7 CAPLUS
CN Acetic acid, [4-[(3-(4-chlorophenyl)-3-[3'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



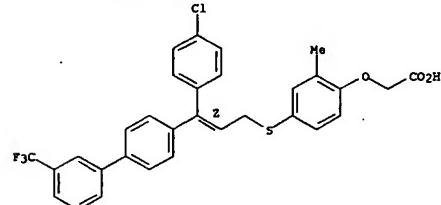
RN 686775-19-9 CAPLUS
CN Acetic acid, [4-[(2E)-3-(4-chlorophenyl)-3-[3'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



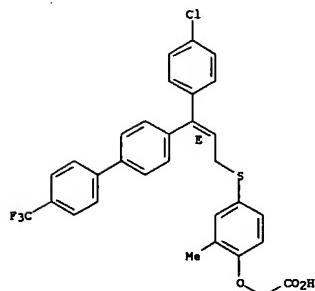
RN 686775-21-3 CAPLUS
CN Acetic acid, [4-[(2Z)-3-(4-chlorophenyl)-3-[3'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



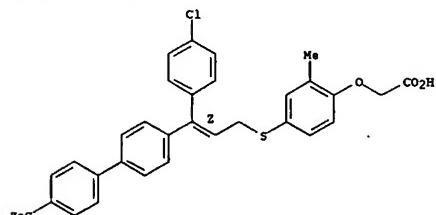
RN 686775-23-5 CAPLUS
CN Acetic acid, [4-[(2E)-3-(4-chlorophenyl)-3-[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



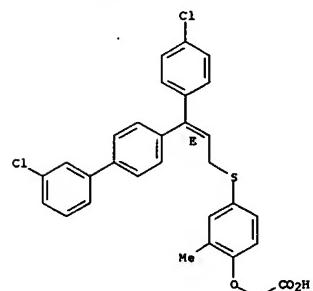
RN 686775-24-6 CAPLUS
CN Acetic acid, [4-[(2Z)-3-(4-chlorophenyl)-3-[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



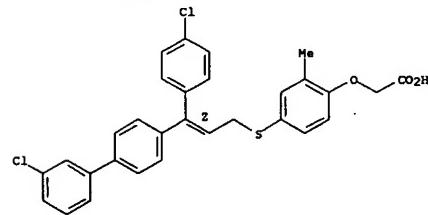
RN 686775-25-7 CAPLUS
CN Acetic acid, [4-[(2E)-3-(3'-chloro[1,1'-biphenyl]-4-yl)-3-(4-chlorophenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



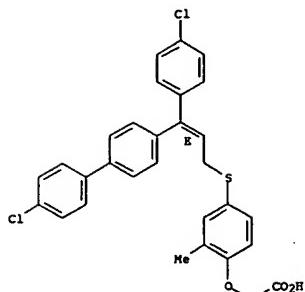
RN 686775-27-9 CAPLUS
CN Acetic acid, [4-[(2Z)-3-(3'-chloro[1,1'-biphenyl]-4-yl)-3-(4-chlorophenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 686775-29-1 CAPLUS
CN Acetic acid, [4-[(2E)-3-(4'-chloro[1,1'-biphenyl]-4-yl)-3-(4-chlorophenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

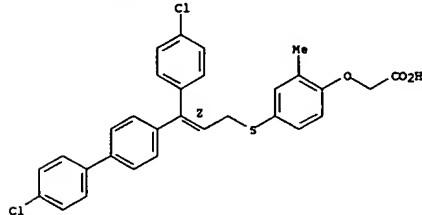
Double bond geometry as shown.



RN 686775-30-4 CAPLUS

CN Acetic acid, [4-[(2Z)-3-(4'-chlorophenyl)-4-y1]-3-(4-chlorophenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

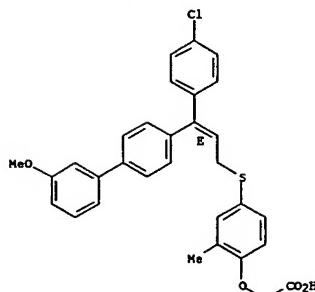
Double bond geometry as shown.



RN 686775-31-5 CAPLUS

CN Acetic acid, [4-[(2E)-3-(4-chlorophenyl)-3-(3'-methoxy[1,1'-biphenyl]-4-y1)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

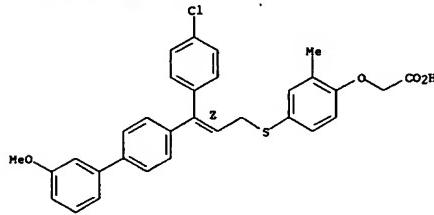
Double bond geometry as shown.



RN 686775-33-7 CAPLUS

CN Acetic acid, [4-[(2E)-3-(4-chlorophenyl)-3-(3'-methoxy[1,1'-biphenyl]-4-y1)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

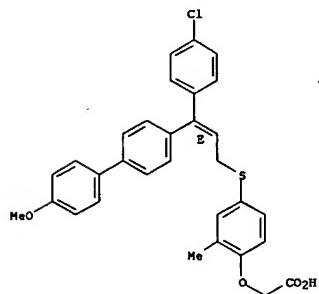
Double bond geometry as shown.



RN 686775-34-8 CAPLUS

CN Acetic acid, [4-[(2E)-3-(4-chlorophenyl)-3-(4'-methoxy[1,1'-biphenyl]-4-y1)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

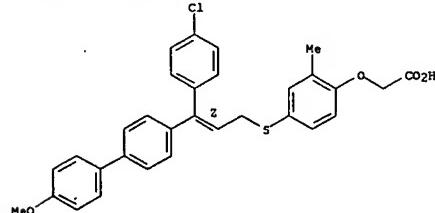
Double bond geometry as shown.



RN 686775-36-0 CAPLUS

CN Acetic acid, [4-[(2Z)-3-(4-chlorophenyl)-3-(4'-methoxy[1,1'-biphenyl]-4-y1)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

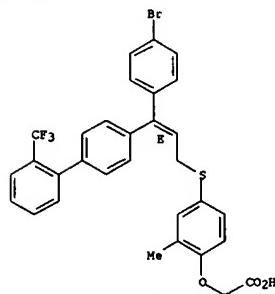
Double bond geometry as shown.



RN 686775-38-2 CAPLUS

CN Acetic acid, [4-[(2E)-3-(4-bromophenyl)-3-(2'-(trifluoromethyl)[1,1'-biphenyl]-4-y1)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

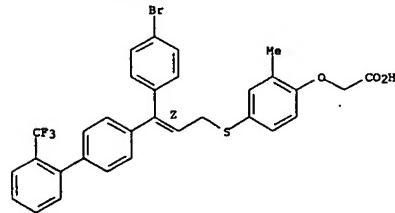
Double bond geometry as shown.



RN 686775-40-6 CAPLUS

CN Acetic acid, [4-[(2Z)-3-(4-bromophenyl)-3-[2'-(trifluoromethyl)[1,1'-biphenyl]-4-y1]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

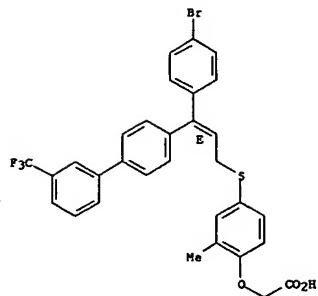
Double bond geometry as shown.



RN 686775-43-9 CAPLUS

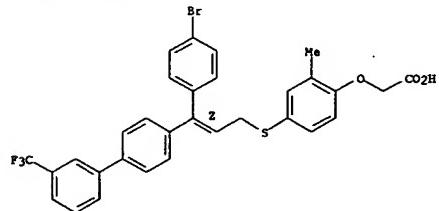
CN Acetic acid, [4-[(2E)-3-(4-bromophenyl)-3-(3'-(trifluoromethyl)[1,1'-biphenyl]-4-y1)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



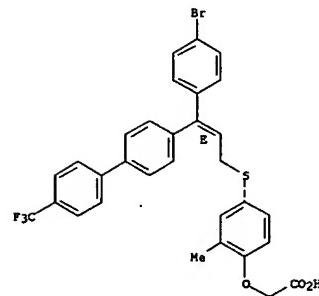
RN 686775-44-0 CAPLUS
CN Acetic acid, [4-[(2E)-3-(4-bromophenyl)-3-(trifluoromethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



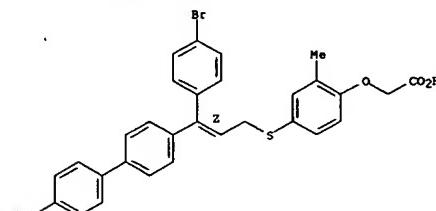
RN 686775-45-1 CAPLUS
CN Acetic acid, [4-[(2E)-3-(4-bromophenyl)-3-(4'-trifluoromethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



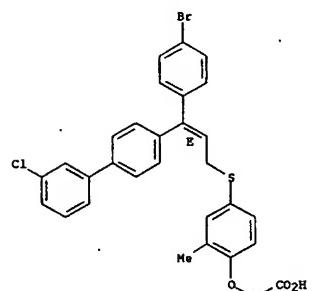
RN 686775-46-2 CAPLUS
CN Acetic acid, [4-[(2E)-3-(4-bromophenyl)-3-(4'-trifluoromethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



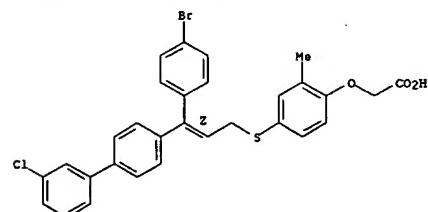
RN 686775-47-3 CAPLUS
CN Acetic acid, [4-[(2E)-3-(4-bromophenyl)-3-(3'-chloro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



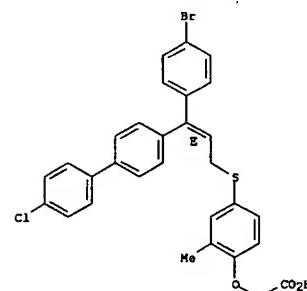
RN 686775-48-4 CAPLUS
CN Acetic acid, [4-[(2E)-3-(4-bromophenyl)-3-(3'-chloro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



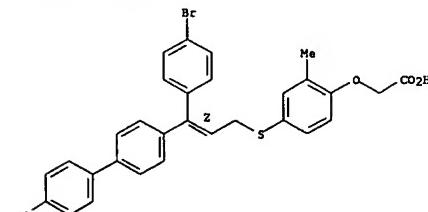
RN 686775-49-5 CAPLUS
CN Acetic acid, [4-[(2E)-3-(4-bromophenyl)-3-(4'-chloro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



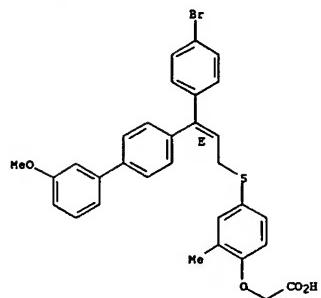
RN 686775-50-6 CAPLUS
CN Acetic acid, [4-[(2E)-3-(4-bromophenyl)-3-(4'-chloro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



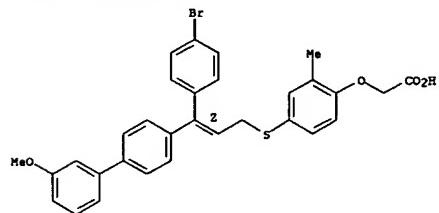
RN 686775-51-9 CAPLUS
CN Acetic acid, [4-[(2E)-3-(4-bromophenyl)-3-(3'-methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



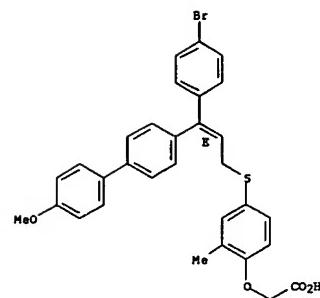
RN 686775-52-0 CAPLUS
CN Acetic acid, [4-[(2Z)-3-(4-bromophenyl)-3-(3'-methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



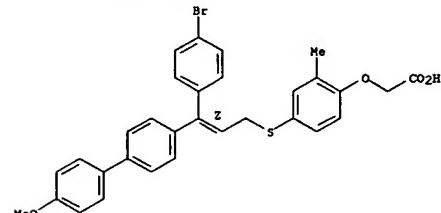
RN 686775-53-1 CAPLUS
CN Acetic acid, [4-[(2E)-3-(4-bromophenyl)-3-(4'-methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 686775-54-2 CAPLUS
CN Acetic acid, [4-[(2E)-3-(4-bromophenyl)-3-(4'-methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy- (9CI) (CA INDEX NAME)

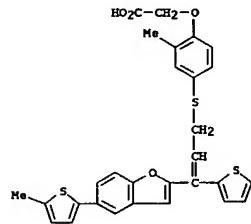
Double bond geometry as shown.



RN 686775-59-7 CAPLUS
CN L-Lysine, mono[[2-methyl-4-[(3-[5-(5-methyl-2-thienyl)-2-benzofuranyl]-3-(2-thienyl)-2-propenyl]thio]phenoxy]acetate] (9CI) (CA INDEX NAME)

CH 1

CRN 686774-28-7
CMP C29 H24 O4 S3



CH 2

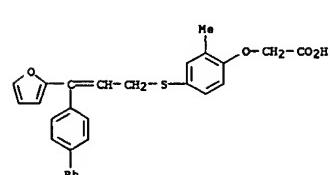
CRN 56-87-1
CMP C6 H14 N2 O2

Absolute stereochemistry.

RN 686775-62-2 CAPLUS
CN L-Lysine, mono[[4-[(3-[1,1'-biphenyl]-4-yl)-3-(2-furanyl)-2-propenyl]thio]-2-methylphenoxy]acetate] (9CI) (CA INDEX NAME)

CH 1

CRN 686774-29-8
CMP C28 H24 O4 S

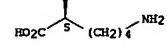


CH 2

CRN 56-87-1

CMP C6 H14 N2 O2

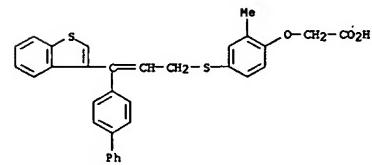
Absolute stereochemistry.



RN 686775-64-4 CAPLUS
CN L-Lysine, mono[[4-[(3-benzo[b]thien-3-yl)-3-[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]acetate] (9CI) (CA INDEX NAME)

CH 1

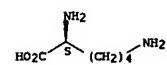
CRN 686774-30-1
CMP C32 H26 O3 S2



CH 2

CRN 56-87-1
CMP C6 H14 N2 O2

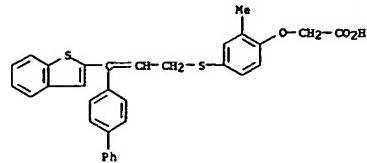
Absolute stereochemistry.



RN 686775-66-6 CAPLUS
CN L-Lysine, mono[[4-[(3-benzo[b]thien-2-yl)-3-[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]acetate] (9CI) (CA INDEX NAME)

CH 1

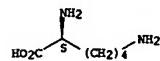
CRN 686774-31-2
CMP C32 H26 O3 S2



CM 2

CRN 56-87-1
CNMF C6 H14 N2 O2

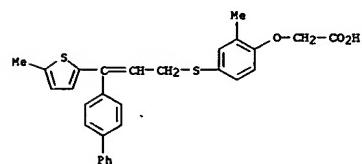
Absolute stereochemistry.



RN 686775-68-8 CAPLUS

CN L-Lysine, mono[4-((3-[1,1'-biphenyl]-4-yl-3-(5-methyl-2-thienyl)-2-propenyl)thio)-2-methylphenoxy]acetate (9CI) (CA INDEX NAME)

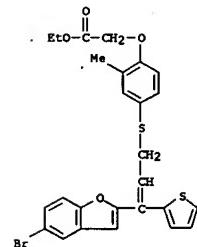
CM 1

CRN 686774-32-3
CNMF C29 H26 O3 S2

CM 2

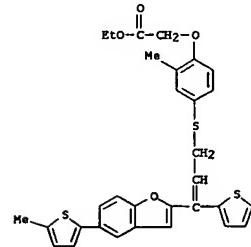
CRN 56-87-1
CNMF C6 H14 N2 O2

Absolute stereochemistry.



RN 686775-58-6 CAPLUS

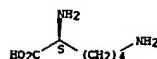
CN Acetic acid, [2-methyl-4-((3-(5-(5-methyl-2-thienyl)-2-benzofuranyl)-3-(2-thienyl)-2-propenyl)thio)phenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



RN 686775-61-1 CAPLUS

CN Acetic acid, [4-((22)-3-(1,1'-biphenyl)-4-yl-3-(2-furanyl)-2-propenyl)thio]-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



IT 673479-08-BP 673479-09-9P 686775-57-5P

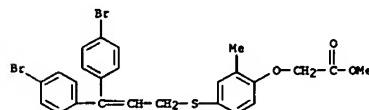
686775-59-5P 686775-61-1P 686775-63-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of biphenylallylsulfanylphenoxycetates and related compds.)

for treating peroxisome proliferator activated receptor (PPAR) mediated diseases)

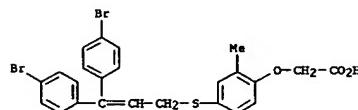
RN 673479-09-8 CAPLUS

CN Acetic acid, [4-((3,3-bis(4-bromophenyl)-2-propenyl)thio)-2-methylphenoxy]-, methyl ester (9CI) (CA INDEX NAME)



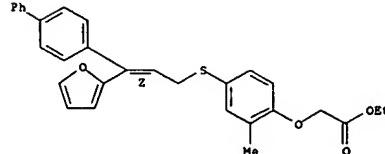
RN 673479-09-9 CAPLUS

CN Acetic acid, [4-((3,3-bis(4-bromophenyl)-2-propenyl)thio)-2-methylphenoxy]-, (9CI) (CA INDEX NAME)



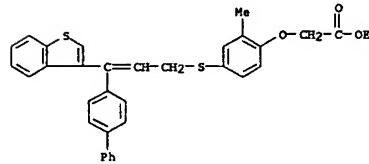
RN 686775-57-5 CAPLUS

CN Acetic acid, [4-((3-(5-bromo-2-benzofuranyl)-3-(2-thienyl)-2-propenyl)thio)-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



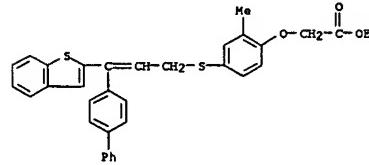
RN 686775-63-3 CAPLUS

CN Acetic acid, [4-((3-benzo[b]thien-3-yl-3-(1,1'-biphenyl)-4-yl-2-propenyl)thio)-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



RN 686775-65-5 CAPLUS

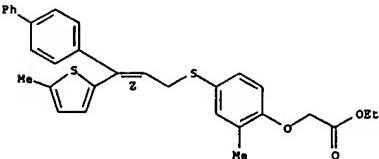
CN Acetic acid, [4-((3-benzo[b]thien-2-yl-3-(1,1'-biphenyl)-4-yl-2-propenyl)thio)-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



RN 686775-67-7 CAPLUS

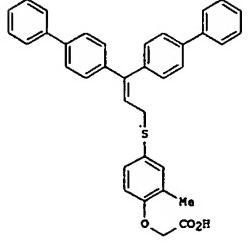
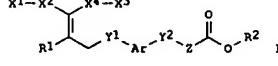
CN Acetic acid, [4-((22)-3-(1,1'-biphenyl)-4-yl-3-(5-methyl-2-thienyl)-2-propenyl)thio]-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 20041220310 CAPLUS
 DOCUMENT NUMBER: 140:270625
 TITLE: Preparation of [[{bis(biphenyl)allyl}oxy]phenoxyl]acetic acids and analogs as PPAR δ agonists for treatment of diabetes and related conditions
 INVENTOR(S): Jeppesen, Lone; Møgensen, John Patrick; Petersson, Ingrid; Sauerberg, Per
 PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
 SOURCE: PCT Int. Appl., 78 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004022533	A1	20040318	WO 2003-DK578	20030904
W: AE, AG, AL, AM, AT, AU, AZ, BA, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, RU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2499380	AA	20040318	CA 2003-2499380	20030904
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PRIORITY APPLN. INFO.: DK 2002-1301 A 20020905				
	DK 2003-784 A 20030523			
	US 2002-409814P P 20020911			
	WO 2003-DK578 W 20030904			
OTHER SOURCE(S): MARPAT 140:270625				
GI				



AB Title vinyl carboxylic acid derivs. I [wherein X1 and X3 = independently (un)substituted (hetero)aryl, X2 and X4 = independently (un)substituted (hetero)arylene; Ar = (un)substituted arylene; Y1 and Y2 = independently O or S; Z = (CH₂)_n, n = 1-3; R1 = H, halo, or (un)substituted (cyclo)alkyl, alkenyl, alkynyl, (hetero)aralkyl, (cyclo)alkoxy, aryloxy, (hetero)aralkoxy, (cyclo)alkylthio, arythio; R2 = H, (cyclo)alkyl, alkenyl, alkynyl, or aryl or pharmaceutically acceptable salts, solvates, tautomers, stereoisomers, or polymorphs thereof] were prepared as peroxisome proliferator-activated receptor δ (PPAR δ) agonists (no data). For example, 4,4'-dibromobenzophenone was coupled with tri-Bt phosphonacetate in the presence of NaH in toluene to give Et 3,3'-bis(4-(bromophenoxy)acrylate (734). Reduction using DIBAL-H in THF (761), followed by AADP-catalyzed condensation with (4-mercaptop-2-methyloxy)acetic acid Me ester in THF (881) afforded [4-(3,3'-bis(4-bromophenoxy)allylsulfanyl)-2-methyloxy]acetic acid Me ester. Saponification (931) and substitution with phenylboronic acid using

KF, Pd(dba)₃, and Pd[P(t-Bu)₃]2 in THF (531) provided II. Also disclosed is the use of I and their pharmaceutical compns. for the treatment of PPAR δ -mediated conditions, such as diabetes, impaired glucose tolerance, insulin resistance, or obesity (no data).

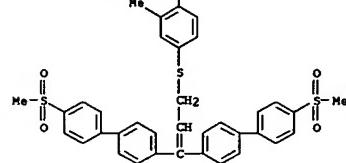
IT 673479-07-7P, [4-[{[3,3-Bis(biphenyl-4-yl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-10-2P, [4-[{[3,3-Bis(4'-methylphenyl)bisphenyl-4-yl]allyl}sulfanyl]-2-methyloxy]acetic acid 673479-11-3P, [4-[{[3,3-Bis(3'-trifluoromethyl)biphenyl-4-yl]allyl}sulfanyl]-2-methyloxy]acetic acid 673479-12-4P, 673479-13-5P, [4-[{[3,3-Bis(3'-dimethylcarbamoyl)biphenyl-4-yl]allyl}sulfanyl]-2-methyloxy]acetic acid 673479-14-6P, [4-[{[3,3-Bis(4-(pyridin-3-yl)phenyl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-15-7P, [4-[{[3,3-Bis(4-(pyridin-3-yl)phenyl)allyl]sulfanyl}-2-trifluoromethylphenoxy]acetic acid 673479-21-5P, [4-[{[3,3-Bis(4-(pyridin-3-yl)phenyl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-22-6P, [4-[{[3,3-Bis(4-

(5-acetylthiophenyl)-2-methyloxy]acetic acid 673479-23-7P, [4-[{[3,3-Bis(4-(5-chlorothiophen-2-yl)phenyl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-24-8P, [4-[{[3,3-Bis(4-(5-methylfuran-2-yl)phenyl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-25-9P, [4-[{[3,3-Bis(4-(furan-2-yl)phenyl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-26-0P, [4-[{[3,3-Bis(4-(5-chlorothiophen-2-yl)phenyl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-27-1P, [4-[{[3,3-Bis(4-(5-chlorothiophen-2-yl)phenyl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-28-2P, [4-[{[3,3-Bis(4-(thiophen-2-yl)phenyl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-29-3P, [4-[{[3,3-Bis(4-(thiophen-2-yl)phenyl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-30-4P, [4-[{[3,3-Bis(4-(5-acetylthiophen-2-yl)phenyl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-31-5P, [4-[{[3,3-Bis(4-(5-acetylthiophen-2-yl)phenyl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-32-6P, [4-[{[3,3-Bis(4-(5-acetylthiophen-2-yl)phenyl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-33-7P, [4-[{[3,3-Bis(4-(5-acetylthiophen-2-yl)phenyl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-34-8P, [4-[{[3,3-Bis(3-(dimethylcarbamoyl)biphenyl-4-yl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-35-1P, [4-[{[3,3-Bis(3-(methylsulfonylbiphenyl-4-yl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-36-2P, [4-[{[3,3-Bis(3-(methylsulfonylbiphenyl-4-yl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-37-3P, [4-[{[3,3-Bis(3-aminobiphenyl-4-yl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-38-4P, [4-[{[3,3-Bis(3-aminobiphenyl-4-yl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-39-5P, [4-[{[3,3-Bis(3-(dimethylcarbamoyl)biphenyl-4-yl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-40-6P, [4-[{[3,3-Bis(4-aminobiphenyl-4-yl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-41-7P, [4-[{[3,3-Bis(4-(pyridin-2-yl)phenyl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-42-8P, [4-[{[3,3-Bis(4-(pyridin-2-yl)phenyl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-43-9P, [4-[{[3,3-Bis(4-(methanesulfonyl)biphenyl-4-yl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-44-0P, [4-[{[3,3-Bis(4-(methoxybiphenyl-4-yl)allyl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-45-1P, [4-[{[3,3-Bis(4-(methoxybiphenyl-4-yl)allyl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-46-2P, [4-[{[3,3-Bis(4-(trifluoromethylbiphenyl-4-yl)allyl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-47-3P, [4-[{[3,3-Bis(4-(trifluoromethylbiphenyl-4-yl)allyl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-48-4P, [4-[{[3,3-Bis(4-(trifluoromethylbiphenyl-4-yl)allyl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-49-5P, [4-[{[3,3-Bis(4-(trifluoromethylbiphenyl-4-yl)allyl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-50-6P, [4-[{[3,3-Bis(4-(trifluoromethylbiphenyl-4-yl)allyl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-51-7P, [4-[{[3,3-Bis(4-(trifluoromethylbiphenyl-4-yl)allyl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-52-8P, [4-[{[3,3-Bis(4-chlorobiphenyl-4-yl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-53-9P, [4-[{[3,3-Bis(4-chlorobiphenyl-4-yl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-54-0P, [4-[{[3,3-Bis(4-tert-butylbiphenyl-4-yl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-55-5P, [4-[{[3,3-Bis(4-acetyl biphenyl-4-yl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-56-6P, [4-[{[3,3-Bis(4-acetyl biphenyl-4-yl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-57-7P, [4-[{[3,3-Bis(4-phenoxybiphenyl-4-yl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-58-8P, [4-[{[3,3-Bis(4-phenoxybiphenyl-4-yl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-59-9P, [4-[{[3,3-Bis(4-isopropylbiphenyl-4-yl)allyl]sulfanyl}-2-methyloxy]acetic acid 673479-60-2P, [4-[{[3,3-Bis(4-isopropylbiphenyl-4-yl)allyl]sulfanyl}-2-methyloxy]acetic acid

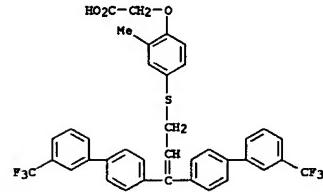
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 673481-76-0P, [4-[(3,3-Bis(4'-acetyl biphenyl)-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673481-79-3P,
 [4-[(3,3-Bis(4'-phenoxyl biphenyl)-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673481-80-6P, [4-[(3,3-Bis(4'-phenoxyl biphenyl)-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673481-82-6P,
 [4-[(3,3-Bis(4'-isopropyl biphenyl)-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673481-84-0P,
 [4-[(3,3-Bis(4'-isopropyl biphenyl)-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673481-87-3P, [4-[(3,3-Bis(3',4'-difluorobiphenyl)-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673481-90-6P, [4-[(3,3-Bis(3',4'-difluorobiphenyl)-4-yl)-2-ethylallyl]sulfanyl]-2-methylphenoxy]acetic acid 673481-93-1P,
 [4-[(3,3-Bis(3',5'-dichlorobiphenyl)-4-yl)-2-ethylallyl]sulfanyl]-2-methylphenoxy]acetic acid 673481-94-2P, [4-[(3,3-Bis(3',5'-dichlorobiphenyl)-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673481-97-5P, [4-[(3,3-Bis(3'-chloro-4'-fluorobiphenyl)-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673481-98-6P,
 [4-[(3,3-Bis(3'-chloro-4'-fluorobiphenyl)-4-yl)-2-ethylallyl]sulfanyl]-2-methylphenoxy]acetic acid 673482-00-3P, [4-[(3,3-Bis(4'-methylfuran-2-yl)phenyl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673482-02-5P,
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 [4-[(3,3-Bis(3'-trifluoromethoxy)biphenyl)-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673482-21-8P, [4-[(3,3-Bis(3'-trifluoromethoxy)biphenyl)-4-yl)-2-ethylallyl]sulfanyl]-2-methylphenoxy]acetic acid 673482-22-9P, [4-[(3,3-Bis(3'-methylbiphenyl)-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673482-24-1P,
 [4-[(3,3-Bis(3'-methylbiphenyl)-4-yl)-2-ethylallyl]sulfanyl]-2-methylphenoxy]acetic acid 673482-27-4P, [4-[(3,3-Bis(3'-trifluoromethylbiphenyl)-4-yl)-2-ethylallyl]sulfanyl]-2-methylphenoxy]acetic acid 673482-29-6P, [4-[(3,3-Bis(3'-trifluoromethylbiphenyl)-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673482-31-0P, [4-[(3,3-Bis(3'-chlorobiphenyl)-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673482-34-3P,
 [4-[(3,3-Bis(3'-chlorobiphenyl)-4-yl)-2-ethylallyl]sulfanyl]-2-methylphenoxy]acetic acid 673482-36-5P, [4-[(3,3-Bis(3'-tert-butylbiphenyl)-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673482-39-6P, [4-[(3,3-Bis(3'-acetyl biphenyl)-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673482-42-3P,
 [4-[(3,3-Bis(3'-acetyl biphenyl)-4-yl)-2-ethylallyl]sulfanyl]-2-methylphenoxy]acetic acid 673482-45-6P, [4-[(3,3-Bis(3'-phenoxybiphenyl)-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673482-48-0P, [4-[(3,3-Bis(3'-phenoxybiphenyl)-4-yl)-2-ethylallyl]sulfanyl]-2-methylphenoxy]acetic acid 673482-51-4P, [4-[(3,3-Bis(3'-isopropyl biphenyl)-4-yl)-2-ethylallyl]sulfanyl]-2-methylphenoxy]acetic acid
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (PPAR δ agonist; prepn. of di(hetero)acrylvinyl carboxylic acids as

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 PPAR δ agonists for treatment of diabetes and related conditions
 RN 673479-07-7 CAPLUS
 CN Acetic acid, [4-[(3,3-bis([1,1'-biphenyl]-4-yl)-2-propenyl)thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

RN 673479-10-2 CAPLUS
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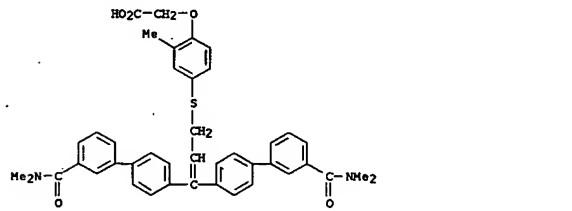
RN 673479-11-3 CAPLUS
 CN Acetic acid, [4-[(3,3-bis[3'-(trifluoromethyl)(1,1'-biphenyl)-4-yl)-2-propenyl)thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 673479-12-4 CAPLUS
 CN Acetic acid, [4-[(3,3-bis([1,1':4',1'''-terphenyl]-4-yl)-2-propenyl)thio]-2-

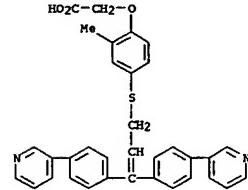
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 methylphenoxy]- (9CI) (CA INDEX NAME)

RN 673479-13-5 CAPLUS
 CN Acetic acid, [4-[(3,3-bis[3'-(dimethylamino)carbonyl][1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

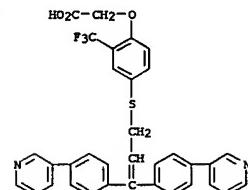


RN 673479-14-6 CAPLUS
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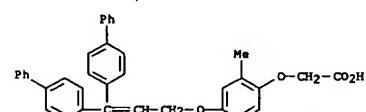
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



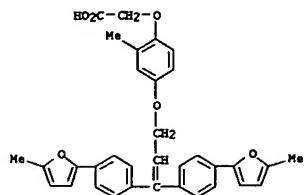
RN 673479-15-7 CAPLUS
 CN Acetic acid, [4-[(3,3-bis[4-(3-pyridinyl)phenyl]-2-propenyl)thio]-2-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)



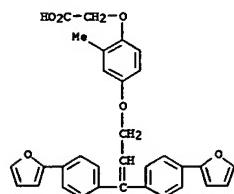
RN 673479-21-5 CAPLUS
 CN Acetic acid, [4-[(3,3-bis([1,1'-biphenyl]-4-yl)-2-propenyl)oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



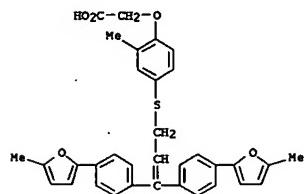
RN 673479-22-6 CAPLUS
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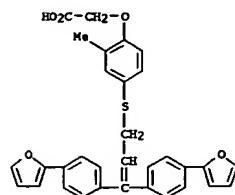
RN 673479-23-7 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(2-furanyl)phenyl]-2-propenyl]oxy}-2-methylphenoxy]- (9CI) (CA INDEX NAME)



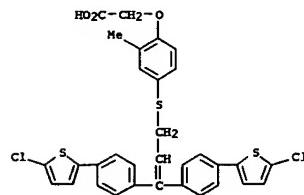
RN 673479-24-8 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(5-methyl-2-furanyl)phenyl]-2-propenyl}thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



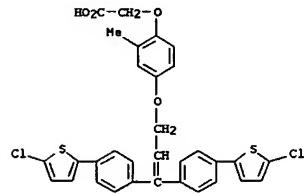
RN 673479-25-9 CAPLUS



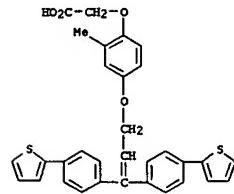
RN 673479-26-0 CAPLUS
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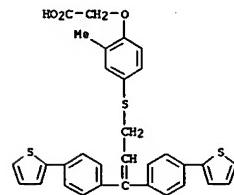
RN 673479-27-1 CAPLUS
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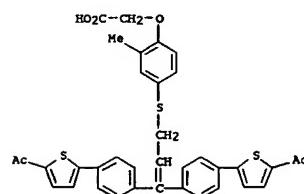
RN 673479-28-2 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(2-thienyl)phenyl]-2-propenyl}oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



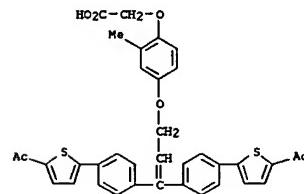
RN 673479-29-3 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(2-thienyl)phenyl]-2-propenyl}thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



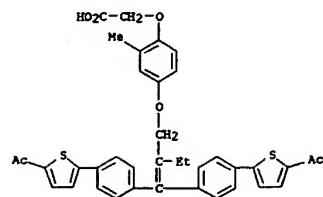
RN 673479-30-6 CAPLUS



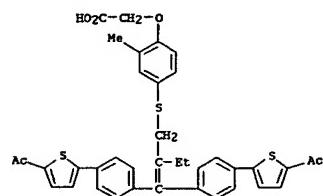
RN 673479-31-7 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(5-acetyl-2-thienyl)phenyl]-2-propenyl}oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



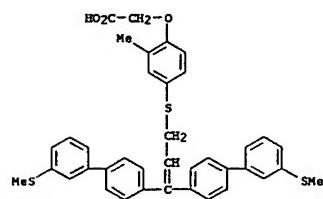
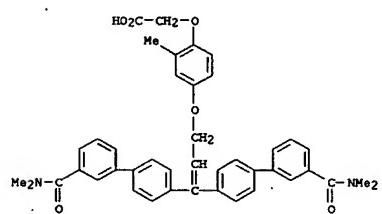
RN 673479-32-8 CAPLUS
CN Acetic acid, [4-[2-[bis[4-(5-acetyl-2-thienyl)phenyl]methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



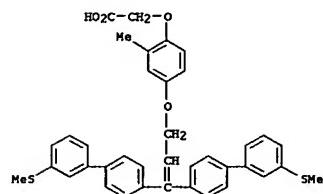
RN 673479-33-9 CAPLUS
CN Acetic acid, [4-[{2-(bis[4-(5-acetyl-2-thienyl)phenyl]methylen)butyl}thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



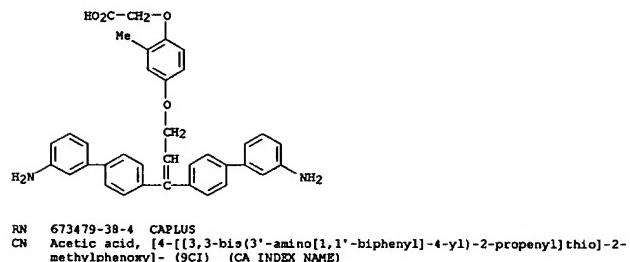
RN 673479-34-0 CAPLUS
CN Acetic acid, [4-[{3,3-bis[3'-(dimethylamino)carbonyl][1,1'-biphenyl]-4-y1}-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



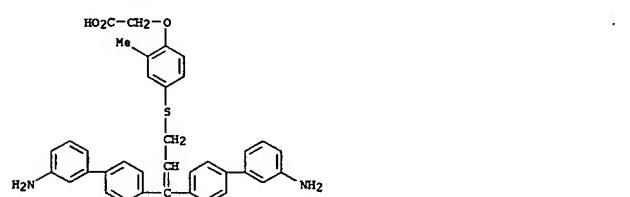
RN 673479-36-2 CAPLUS
CN Acetic acid, [4-[{3,3-bis[3'-(methylthio)[1,1'-biphenyl]-4-y1]-2-propenyl}oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



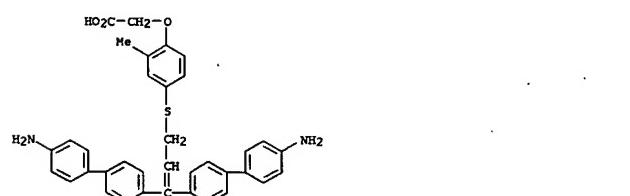
RN 673479-37-3 CAPLUS
CN Acetic acid, [4-[{3,3-bis(3'-amino[1,1'-biphenyl]-4-y1)-2-propenyl}oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



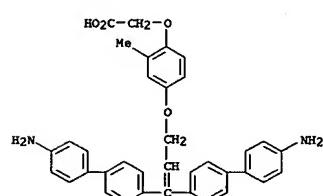
RN 673479-38-4 CAPLUS
CN Acetic acid, [4-[{3,3-bis(3'-amino[1,1'-biphenyl]-4-y1)-2-propenyl}thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



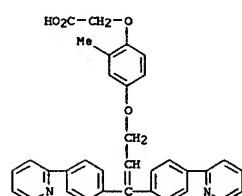
RN 673479-39-5 CAPLUS
CN Acetic acid, [4-[{3,3-bis(4'-amino[1,1'-biphenyl]-4-y1)-2-propenyl}thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



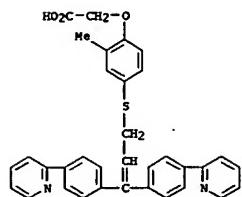
RN 673479-40-8 CAPLUS



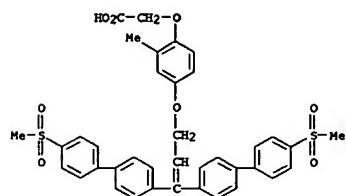
RN 673479-41-9 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(2-pyridinyl)phenyl]-2-propenyl}oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



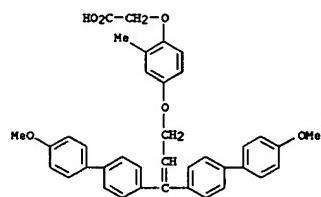
RN 673479-42-0 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(2-pyridinyl)phenyl]-2-propenyl}thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



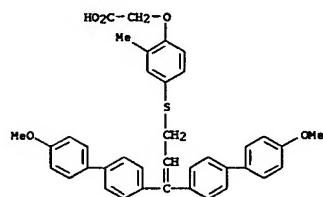
RN 673479-43-1 CAPLUS
CN Acetic acid, [4-[(3,3-bis(4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy)-2-methylphenoxy]- (9CI) (CA INDEX NAME)



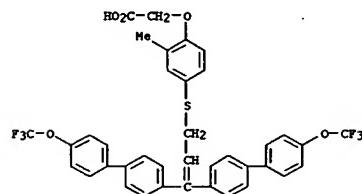
RN 673479-44-2 CAPLUS
CN Acetic acid, [4-[(3,3-bis(4'-(methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]oxy)-2-methylphenoxy]- (9CI) (CA INDEX NAME)



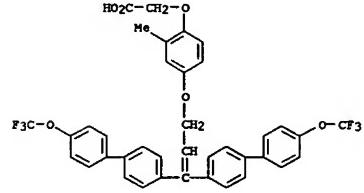
RN 673479-45-3 CAPLUS



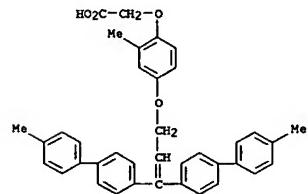
RN 673479-46-4 CAPLUS
CN Acetic acid, [4-[(3,3-bis(4'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl)-2-propenyl]thio)-2-methylphenoxy]- (9CI) (CA INDEX NAME)



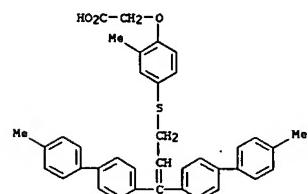
RN 673479-47-5 CAPLUS
CN Acetic acid, [4-[(3,3-bis(4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy)-2-methylphenoxy]- (9CI) (CA INDEX NAME)



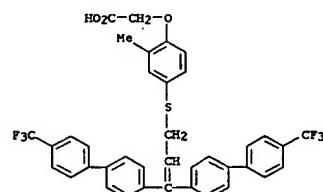
RN 673479-48-6 CAPLUS
CN Acetic acid, [4-[(3,3-bis(4'-(methyl[1,1'-biphenyl]-4-yl)-2-propenyl]oxy)-2-methylphenoxy]- (9CI) (CA INDEX NAME)



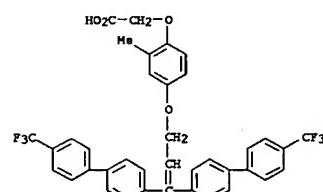
RN 673479-49-7 CAPLUS
CN Acetic acid, [4-[(3,3-bis(4'-(methyl[1,1'-biphenyl]-4-yl)-2-propenyl)thio)-2-methylphenoxy]- (9CI) (CA INDEX NAME)



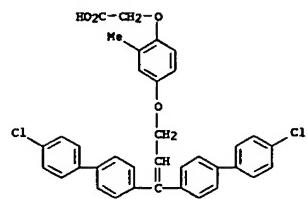
RN 673479-50-0 CAPLUS



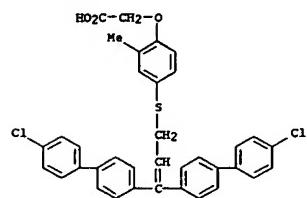
RN 673479-51-1 CAPLUS
CN Acetic acid, [4-[(3,3-bis(4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy)-2-methylphenoxy]- (9CI) (CA INDEX NAME)



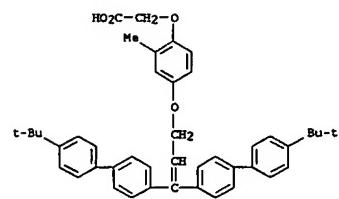
RN 673479-52-2 CAPLUS
CN Acetic acid, [4-[(3,3-bis(4'-(chloro[1,1'-biphenyl]-4-yl)-2-propenyl]oxy)-2-methylphenoxy]- (9CI) (CA INDEX NAME)



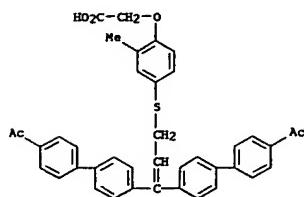
RN 673479-53-3 CAPLUS
CN Acetic acid, [4-[{3,3-bis(4'-chlorobiphenyl)-4-yl}-2-propenyl]thio]-2-methylphenoxy- (9CI) (CA INDEX NAME)



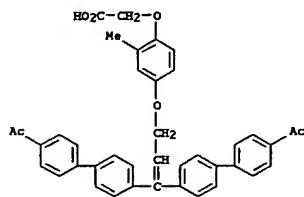
RN 673479-54-4 CAPLUS
CN Acetic acid, [4-[{3,3-bis(4'-(1,1-dimethylethyl)-1,1'-biphenyl)-4-yl}-2-propenyl]oxy]-2-methylphenoxy- (9CI) (CA INDEX NAME)



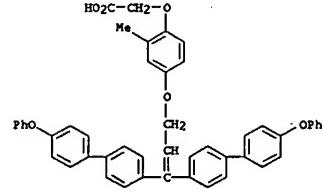
RN 673479-55-5 CAPLUS



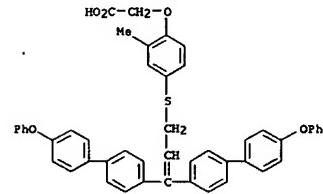
RN 673479-56-6 CAPLUS
CN Acetic acid, [4-[{3,3-bis(4'-acetyl-1,1'-biphenyl)-4-yl}-2-propenyl]oxy]-2-methylphenoxy- (9CI) (CA INDEX NAME)



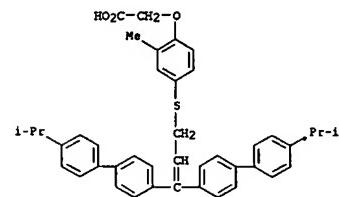
RN 673479-57-7 CAPLUS
CN Acetic acid, [4-[{3,3-bis(4'-phenoxy-1,1'-biphenyl)-4-yl}-2-propenyl]oxy]-2-methylphenoxy- (9CI) (CA INDEX NAME)



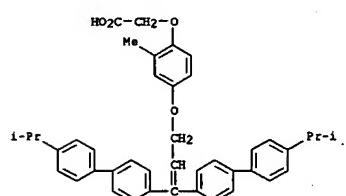
RN 673479-58-8 CAPLUS
CN Acetic acid, [4-[{3,3-bis(4'-phenoxy-1,1'-biphenyl)-4-yl}-2-propenyl]thio]-2-methylphenoxy- (9CI) (CA INDEX NAME)



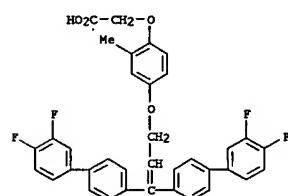
RN 673479-59-9 CAPLUS
CN Acetic acid, [4-[{3,3-bis(4'-(1-methylethyl)-1,1'-biphenyl)-4-yl}-2-propenyl]thio]-2-methylphenoxy- (9CI) (CA INDEX NAME)



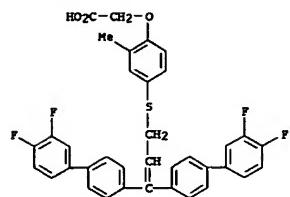
RN 673479-60-2 CAPLUS



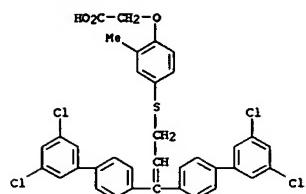
RN 673479-61-3 CAPLUS
CN Acetic acid, [4-[{3,3-bis(3',4'-difluoro-1,1'-biphenyl)-4-yl}-2-propenyl]oxy]-2-methylphenoxy- (9CI) (CA INDEX NAME)



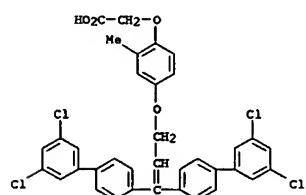
RN 673479-62-4 CAPLUS
CN Acetic acid, [4-[{3,3-bis(3',4'-difluoro-1,1'-biphenyl)-4-yl}-2-propenyl]thio]-2-methylphenoxy- (9CI) (CA INDEX NAME)



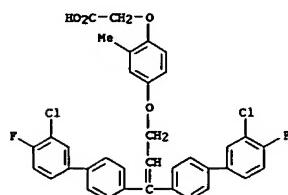
RN 673479-63-5 CAPLUS
CN Acetic acid, [4-[{3,3-bis(3',5'-dichloro[1,1'-biphenyl]-4-yl)-2-propenyl}thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



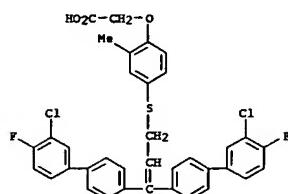
RN 673479-64-6 CAPLUS
CN Acetic acid, [4-[{3,3-bis(3',5'-dichloro[1,1'-biphenyl]-4-yl)-2-propenyl}oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



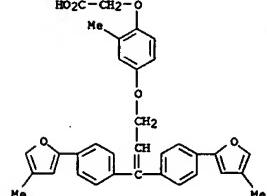
RN 673479-65-7 CAPLUS



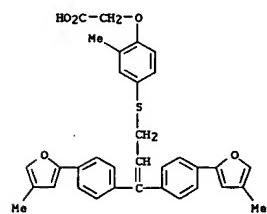
RN 673479-66-8 CAPLUS
CN Acetic acid, [4-[{3,3-bis(3'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-propenyl}thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



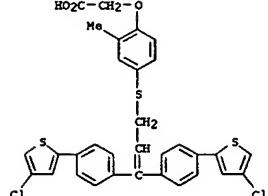
RN 673479-67-9 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(4-methyl-2-furanyl)phenyl]-2-propenyl}oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



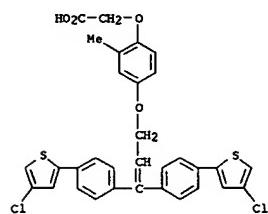
RN 673479-68-0 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(4-methyl-2-furanyl)phenyl]-2-propenyl}thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



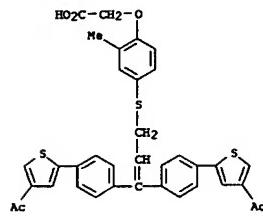
RN 673479-69-1 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(4-chloro-2-thienyl)phenyl]-2-propenyl}thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



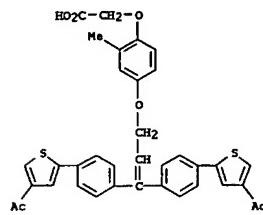
RN 673479-70-4 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(4-chloro-2-thienyl)phenyl]-2-propenyl}oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



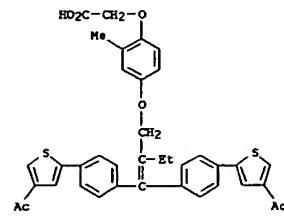
RN 673479-71-5 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(4-acetyl-2-thienyl)phenyl]-2-propenyl}thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



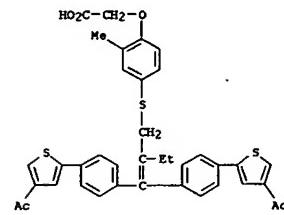
RN 673479-72-6 CAPLUS
 CN Acetic acid, [4-[(3,3-bis[4-(4-acetyl-2-thienyl)phenyl]-2-propenyl]oxy)-2-methylphenoxy]- (9CI) (CA INDEX NAME)



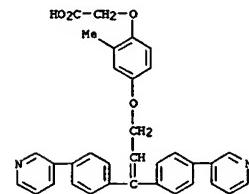
RN 673479-73-7 CAPLUS
 CN Acetic acid, [4-[(2-[bis[4-(4-acetyl-2-thienyl)phenyl]methylene]butoxy)-2-methylphenoxy]- (9CI) (CA INDEX NAME)



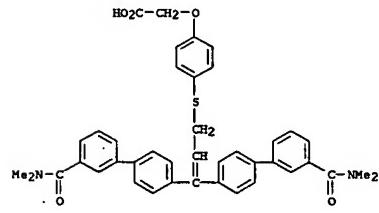
RN 673479-74-8 CAPLUS
 CN Acetic acid, [4-[(2-[bis[4-(4-acetyl-2-thienyl)phenyl]methylenethio]butyl)thio)-2-methylphenoxy]- (9CI) (CA INDEX NAME)



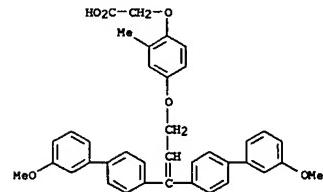
RN 673479-75-9 CAPLUS
 CN Acetic acid, [4-[(3,3-bis[4-(3-pyridinyl)phenyl]-2-propenyl]oxy)-2-methylphenoxy]- (9CI) (CA INDEX NAME)



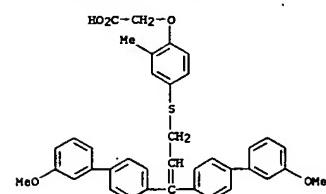
RN 673479-76-0 CAPLUS
 CN Acetic acid, [4-[(3,3-bis[3'-(dimethylamino)carbonyl][1,1'-biphenyl]-4-yi]-2-propenyl]thio]phenyl (9CI) (CA INDEX NAME)



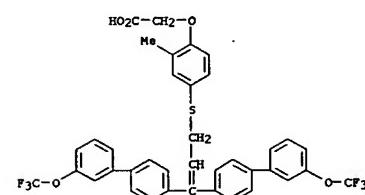
RN 673479-77-1 CAPLUS
 CN Acetic acid, [4-[(3,3-bis[3'-methoxy[1,1'-biphenyl]-4-yi]-2-propenyl]oxy)-2-methylphenoxy]- (9CI) (CA INDEX NAME)



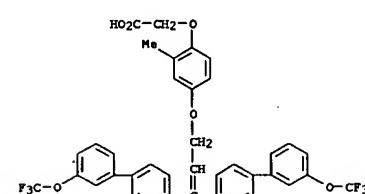
RN 673479-78-2 CAPLUS
 CN Acetic acid, [4-[(3,3-bis[3'-methoxy[1,1'-biphenyl]-4-yi]-2-propenyl]thio)-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 673479-79-3 CAPLUS
 CN Acetic acid, [4-[(3,3-bis[3'-(trifluoromethoxy)[1,1'-biphenyl]-4-yi]-2-propenyl]thio)-2-methylphenoxy]- (9CI) (CA INDEX NAME)

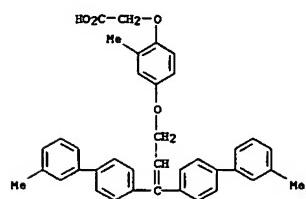


RN 673479-80-6 CAPLUS
 CN Acetic acid, [4-[(3,3-bis[3'-(trifluoromethoxy)[1,1'-biphenyl]-4-yi]-2-propenyl]oxy)-2-methylphenoxy]- (9CI) (CA INDEX NAME)

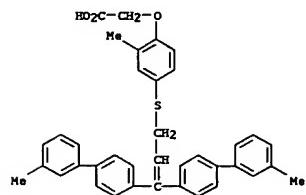


RN 673479-81-7 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[(3,3-bis(3'-methyl[1,1'-biphenyl]-4-yl)-2-propenyl)oxy]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

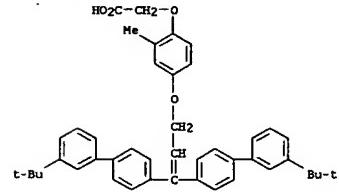


RN 673479-82-8 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(3'-methyl[1,1'-biphenyl]-4-yl)-2-propenyl)thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

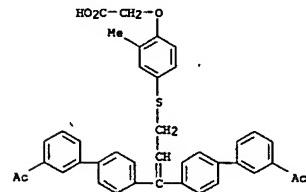


RN 673479-83-9 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(3'-(trifluoromethyl)[1,1'-biphenyl]-4-yl)-2-propenyl)oxy]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[(3,3-bis(3'-(1,1-dimethylethyl)[1,1'-biphenyl]-4-yl)-2-propenyl)oxy]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

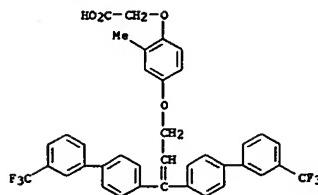


RN 673479-87-3 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(3'-acetyl[1,1'-biphenyl]-4-yl)-2-propenyl)thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

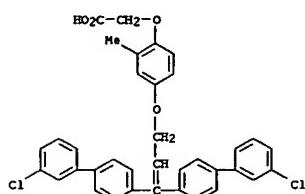


RN 673479-88-4 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(3'-acetyl[1,1'-biphenyl]-4-yl)-2-propenyl)oxy]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

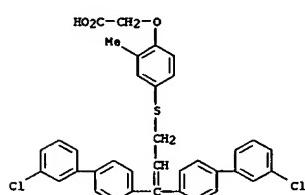
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673479-84-0 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(3'-chloro[1,1'-biphenyl]-4-yl)-2-propenyl)oxy]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

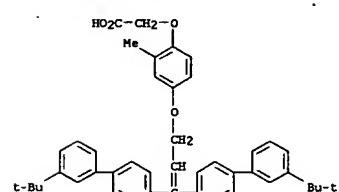


RN 673479-85-1 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(3'-chloro[1,1'-biphenyl]-4-yl)-2-propenyl)thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

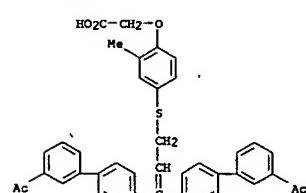


RN 673479-86-2 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[(3,3-bis(3'-(1,1-dimethylethyl)[1,1'-biphenyl]-4-yl)-2-propenyl)oxy]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

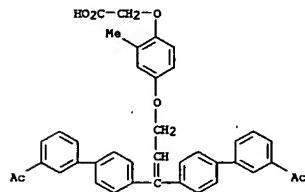


RN 673479-87-3 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(3'-acetyl[1,1'-biphenyl]-4-yl)-2-propenyl)thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

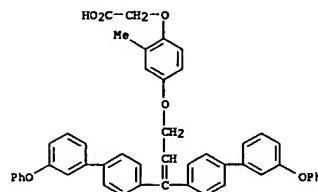


RN 673479-88-4 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(3'-acetyl[1,1'-biphenyl]-4-yl)-2-propenyl)oxy]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

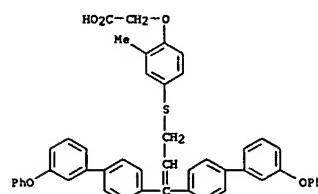
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673479-89-5 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(3'-phenoxy[1,1'-biphenyl]-4-yl)-2-propenyl)oxy]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

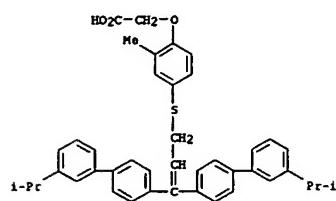


RN 673479-90-8 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(3'-phenoxy[1,1'-biphenyl]-4-yl)-2-propenyl)thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

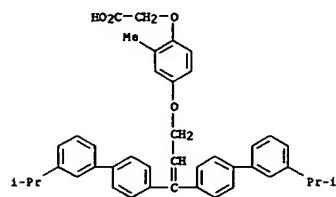


RN 673479-91-9 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[{3,3-bis[3'-(1-methylethyl)[1,1'-biphenyl]-4-yl]-2-propenyl}thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

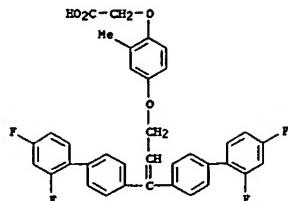


RN 673479-92-0 CAPLUS
 CN Acetic acid, [4-[{3,3-bis[3'-(1-methylethyl)[1,1'-biphenyl]-4-yl]-2-propenyl}oxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

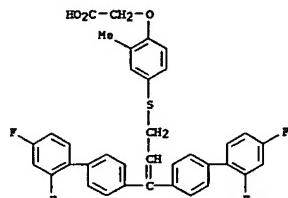


RN 673479-93-1 CAPLUS
 CN Acetic acid, [4-[{3,3-bis[2',4'-difluoro[1,1'-biphenyl]-4-yl]-2-propenyl}oxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

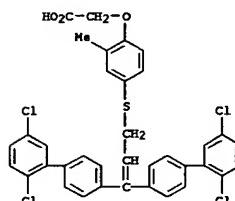
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673479-94-2 CAPLUS
 CN Acetic acid, [4-[{3,3-bis(2',4'-difluoro[1,1'-biphenyl]-4-yl)-2-propenyl}thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

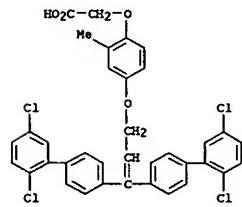


RN 673479-95-3 CAPLUS
 CN Acetic acid, [4-[{3,3-bis(2',5'-dichloro[1,1'-biphenyl]-4-yl)-2-propenyl}thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

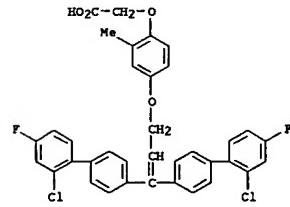


RN 673479-96-4 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[{3,3-bis(2',5'-dichloro[1,1'-biphenyl]-4-yl)-2-propenyl}oxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

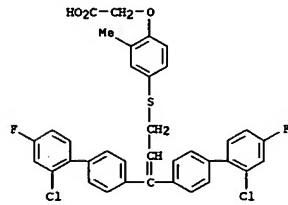


RN 673479-97-5 CAPLUS
 CN Acetic acid, [4-[{3,3-bis(2'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-propenyl}oxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

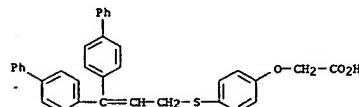


RN 673479-98-6 CAPLUS
 CN Acetic acid, [4-[{3,3-bis(2'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-propenyl}thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

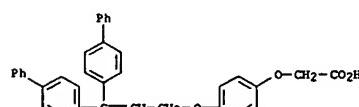
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



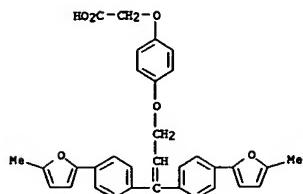
RN 673479-99-8 CAPLUS
 CN Acetic acid, [4-[{3,3-bis([1,1'-biphenyl]-4-yl)-2-propenyl}thio]phenoxy]-(9CI) (CA INDEX NAME)



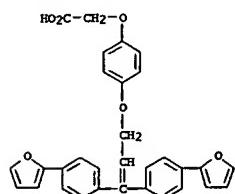
RN 673480-00-7 CAPLUS
 CN Acetic acid, [4-[{3,3-bis([1,1'-biphenyl]-4-yl)-2-propenyl}oxy]phenoxy]-(9CI) (CA INDEX NAME)



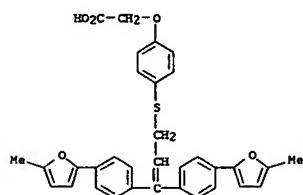
RN 673480-01-8 CAPLUS
 CN Acetic acid, [4-[{3,3-bis[4-(5-methyl-2-furanyl)phenyl]-2-propenyl}oxy]phenoxy]-(9CI) (CA INDEX NAME)



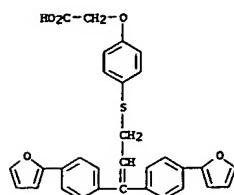
RN 673480-02-9 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(2-furanyl)phenyl]-2-propenyl}oxy]phenoxy]-
(9CI) (CA INDEX NAME)



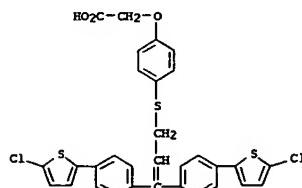
RN 673480-03-0 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(5-methyl-2-furanyl)phenyl]-2-propenyl}thio]phenoxy]-
(9CI) (CA INDEX NAME)



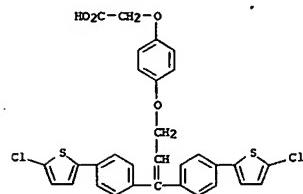
RN 673480-04-1 CAPLUS



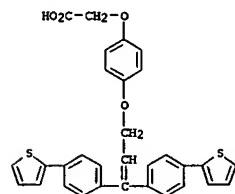
RN 673480-05-2 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(5-chloro-2-thienyl)phenyl]-2-propenyl}thio]phenoxy]-
(9CI) (CA INDEX NAME)



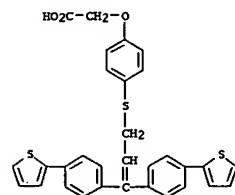
RN 673480-06-3 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(5-chloro-2-thienyl)phenyl]-2-propenyl}oxy]phenoxy]-
(9CI) (CA INDEX NAME)



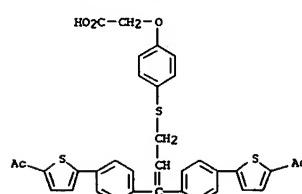
RN 673480-07-4 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(2-thienyl)phenyl]-2-propenyl}oxy]phenoxy]-
(9CI) (CA INDEX NAME)



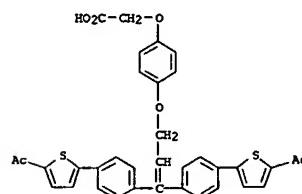
RN 673480-08-5 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(2-thienyl)phenyl]-2-propenyl}thio]phenoxy]-
(9CI) (CA INDEX NAME)



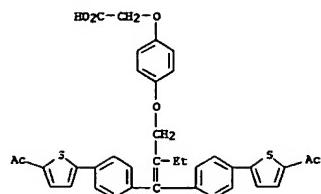
RN 673480-09-6 CAPLUS



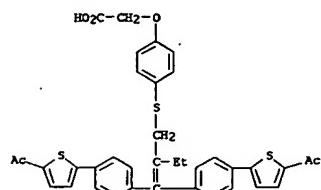
RN 673480-10-9 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(5-acetyl-2-thienyl)phenyl]-2-propenyl}oxy]phenoxy]-
(9CI) (CA INDEX NAME)



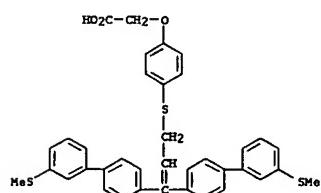
RN 673480-11-0 CAPLUS
CN Acetic acid, [4-[2-[bis[4-(5-acetyl-2-thienyl)phenyl]methylene]butoxy]phenoxy]-
(9CI) (CA INDEX NAME)



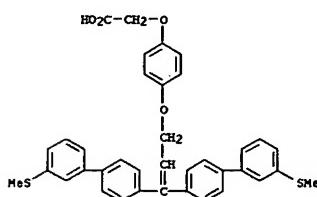
RN 673480-12-1 CAPLUS
CN Acetic acid, [4-[{2-[bis(4-(5-acetyl-2-thienyl)phenyl)methylene]butyl}thio]phenoxy]- (9CI) (CA INDEX NAME)



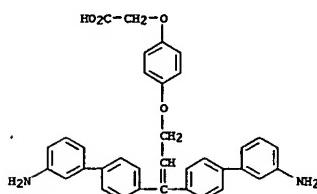
RN 673480-13-2 CAPLUS
CN Acetic acid, [4-[{2-[bis(3'-methylthio)(1,1'-biphenyl)-4-yl]butyl}thio]phenoxy]- (9CI) (CA INDEX NAME)



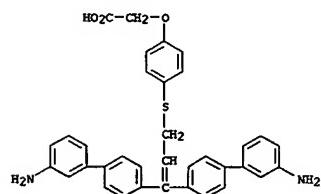
RN 673480-14-3 CAPLUS



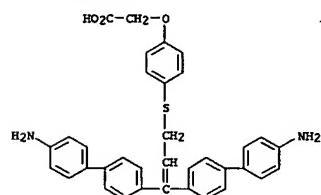
RN 673480-15-4 CAPLUS
CN Acetic acid, [4-[{3,3-bis(3'-amino)(1,1'-biphenyl)-4-yl}-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



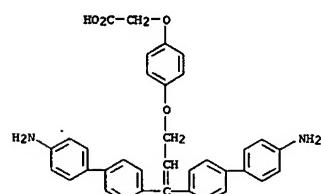
RN 673480-16-5 CAPLUS
CN Acetic acid, [4-[{3,3-bis(3'-amino)(1,1'-biphenyl)-4-yl}-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



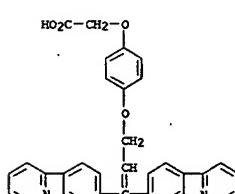
RN 673480-17-6 CAPLUS
CN Acetic acid, [4-[{2-[bis(4-amino-1,1'-biphenyl)-4-yl]butyl}thio]phenoxy]- (9CI) (CA INDEX NAME)



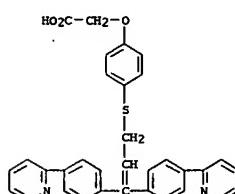
RN 673480-18-7 CAPLUS
CN Acetic acid, [4-[{3,3-bis(4'-amino-1,1'-biphenyl)-4-yl}-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



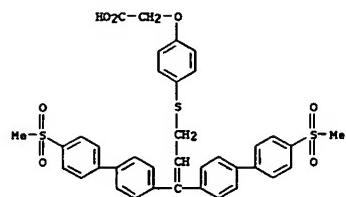
RN 673480-19-8 CAPLUS



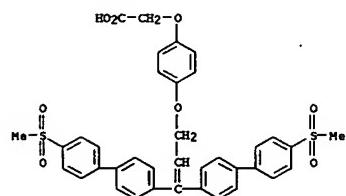
RN 673480-20-1 CAPLUS
CN Acetic acid, [4-[{3,3-bis(4-(2-pyridinyl)phenyl)-2-propenyl}thio]phenoxy]- (9CI) (CA INDEX NAME)



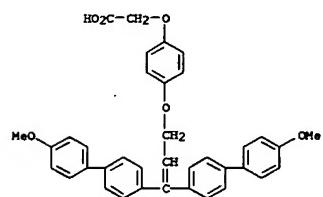
RN 673480-21-2 CAPLUS
CN Acetic acid, [4-[{3,3-bis(4'-(methylsulfonyl)(1,1'-biphenyl)-4-yl)-2-propenyl}thio]phenoxy]- (9CI) (CA INDEX NAME)



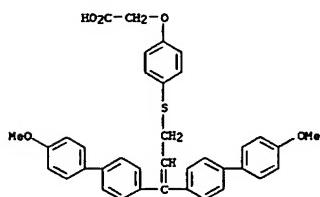
RN 673480-22-3 CAPLUS
CN Acetic acid, [4-((3,3-bis(4'-(methylsulfonyl)[1,1'-biphenyl]-4-y1)-2-propenyl)oxy)phenoxy] - (9CI) (CA INDEX NAME)



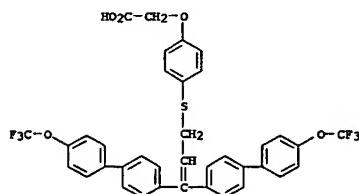
RN 673480-23-4 CAPLUS
CN Acetic acid, [4-((3,3-bis(4'-(methoxy[1,1'-biphenyl]-4-y1)-2-propenyl)oxy)phenoxy] - (9CI) (CA INDEX NAME)



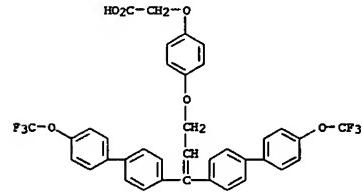
RN 673480-24-5 CAPLUS



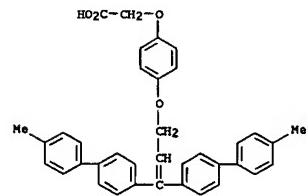
RN 673480-25-6 CAPLUS
CN Acetic acid, [4-((3,3-bis(4'-(trifluoromethoxy)[1,1'-biphenyl]-4-y1)-2-propenyl)thio)phenoxy] - (9CI) (CA INDEX NAME)



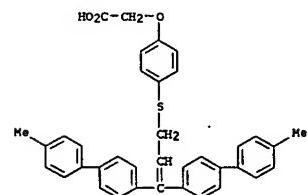
RN' 673480-26-7 CAPLUS
CN Acetic acid, [4-((3,3-bis(4'-(trifluoromethoxy)[1,1'-biphenyl]-4-y1)-2-propenyl)oxy)phenoxy] - (9CI) (CA INDEX NAME)



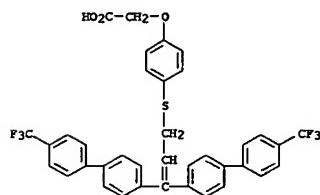
RN 673480-28-9 CAPLUS
CN Acetic acid, [4-((3,3-bis(4'-(methyl[1,1'-biphenyl]-4-y1)-2-propenyl)oxy)phenoxy] - (9CI) (CA INDEX NAME)



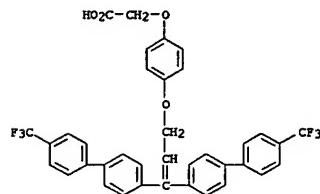
RN 673480-30-3 CAPLUS
CN Acetic acid, [4-((3,3-bis(4'-(methyl[1,1'-biphenyl]-4-y1)-2-propenyl)thio)phenoxy] - (9CI) (CA INDEX NAME)



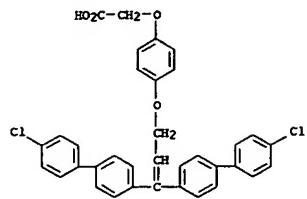
RN 673480-32-5 CAPLUS



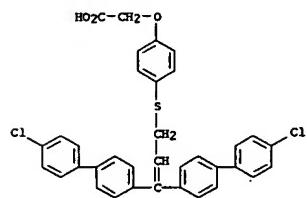
RN 673480-33-6 CAPLUS
CN Acetic acid, [4-((3,3-bis(4'-(trifluoromethyl)[1,1'-biphenyl]-4-y1)-2-propenyl)oxy)phenoxy] - (9CI) (CA INDEX NAME)



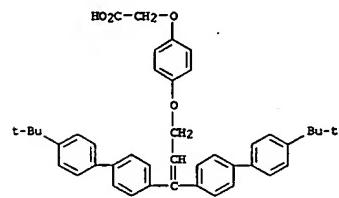
RN 673480-34-7 CAPLUS
CN Acetic acid, [4-((3,3-bis(4'-chloro[1,1'-biphenyl]-4-y1)-2-propenyl)oxy)phenoxy] - (9CI) (CA INDEX NAME)



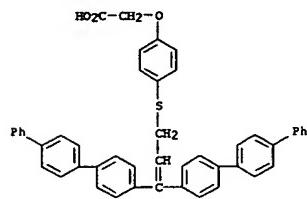
RN 673480-35-8 CAPLUS
CN Acetic acid, [4-[(3,3-bis(4'-chlorobiphenyl)-4-yl)-2-propenyl]phenoxy]- (9CI) (CA INDEX NAME)



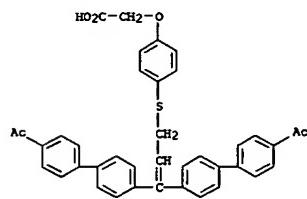
RN 673480-36-9 CAPLUS
CN Acetic acid, [4-[(3,3-bis[4'-(1,1-dimethylethyl)(1,1'-biphenyl)-4-yl]-2-propenyl)oxy]phenoxy]- (9CI) (CA INDEX NAME)



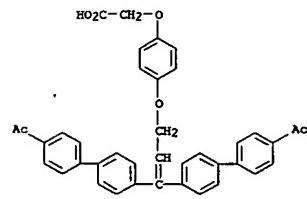
RN 673480-37-0 CAPLUS



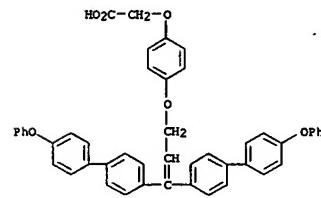
RN 673480-38-1 CAPLUS
CN Acetic acid, [4-[(3,3-bis(4'-acetyl[1,1'-biphenyl]-4-yl)-2-propenyl)thio]phenoxy]- (9CI) (CA INDEX NAME)



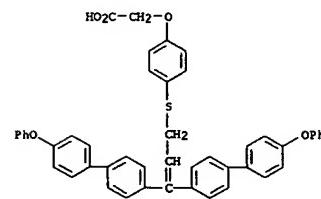
RN 673480-39-2 CAPLUS
CN Acetic acid, [4-[(3,3-bis(4'-acetyl[1,1'-biphenyl]-4-yl)-2-propenyl)oxy]phenoxy]- (9CI) (CA INDEX NAME)



RN 673480-40-5 CAPLUS
CN Acetic acid, [4-[(3,3-bis(4'-phenoxy[1,1'-biphenyl]-4-yl)-2-propenyl)oxy]phenoxy]- (9CI) (CA INDEX NAME)



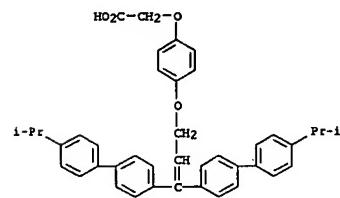
RN 673480-41-6 CAPLUS
CN Acetic acid, [4-[(3,3-bis(4'-phenoxy[1,1'-biphenyl]-4-yl)-2-propenyl)thio]phenoxy]- (9CI) (CA INDEX NAME)



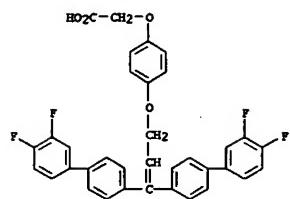
RN 673480-42-7 CAPLUS



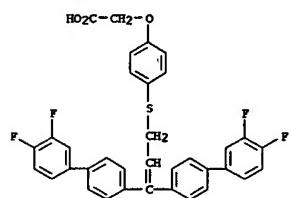
RN 673480-43-8 CAPLUS
CN Acetic acid, [4-[(3,3-bis(4'-1-methylethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



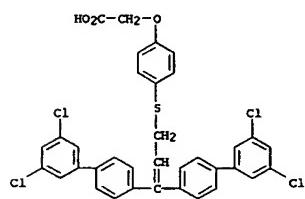
RN 673480-44-9 CAPLUS
CN Acetic acid, [4-[(3,3-bis(3',4'-difluorobiphenyl)-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



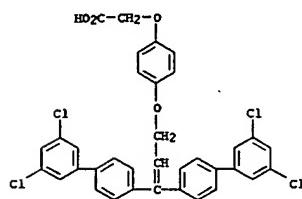
RN 673480-45-0 CAPLUS
CN Acetic acid, [4-[{3,3-bis(3',4'-difluoro[1,1'-biphenyl]-4-yl)-2-propenyl}thio]phenoxy]- (9CI) (CA INDEX NAME)



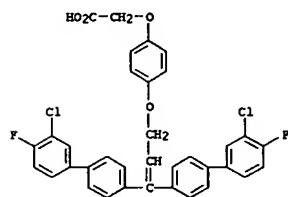
RN 673480-46-1 CAPLUS
CN Acetic acid, [4-[{3,3-bis(3',5'-dichloro[1,1'-biphenyl]-4-yl)-2-propenyl}thio]phenoxy]- (9CI) (CA INDEX NAME)



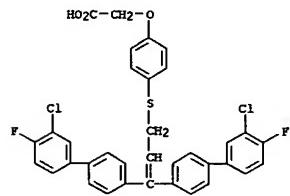
RN 673480-47-2 CAPLUS



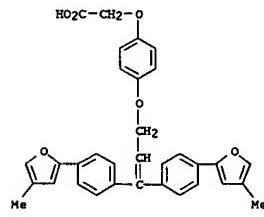
RN 673480-48-3 CAPLUS
CN Acetic acid, [4-[{3,3-bis(3'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-propenyl}thio]phenoxy]- (9CI) (CA INDEX NAME)



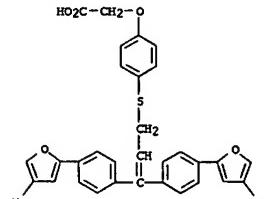
RN 673480-49-4 CAPLUS
CN Acetic acid, [4-[{3,3-bis(3'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-propenyl}thio]phenoxy]- (9CI) (CA INDEX NAME)



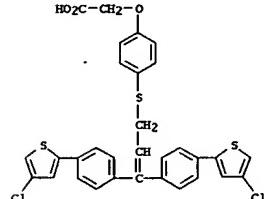
RN 673480-50-7 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(4-methyl-2-furanyl)phenyl]-2-propenyl}thio]phenoxy]- (9CI) (CA INDEX NAME)



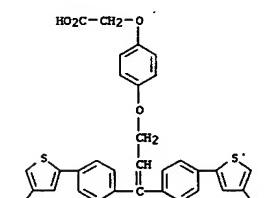
RN 673480-51-8 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(4-methyl-2-furanyl)phenyl]-2-propenyl}thio]phenoxy]- (9CI) (CA INDEX NAME)



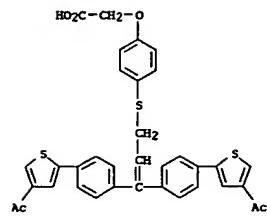
RN 673480-52-9 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(4-chloro-2-thienyl)phenyl]-2-propenyl}thio]phenoxy]- (9CI) (CA INDEX NAME)



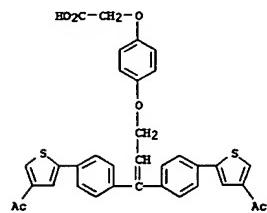
RN 673480-53-0 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(4-chloro-2-thienyl)phenyl]-2-propenyl}thio]phenoxy]- (9CI) (CA INDEX NAME)



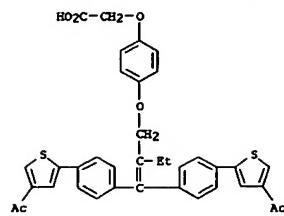
RN 673480-54-1 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(4-acetyl-2-thienyl)phenyl]-2-propenyl}thio]phenoxy]- (9CI) (CA INDEX NAME)



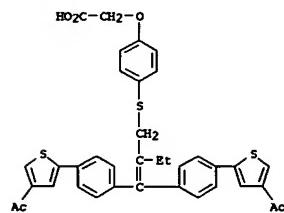
RN 673480-55-2 CAPLUS
CN Acetic acid, [4-[3,3-bis[4-(4-acetyl-2-thienyl)phenyl]-2-propenyl]oxy]phenoxy- (9CI) (CA INDEX NAME)



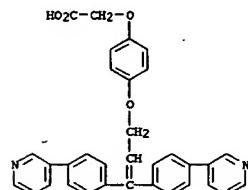
RN 673480-56-3 CAPLUS
CN Acetic acid, [4-[2-{bis[4-(4-acetyl-2-thienyl)phenyl]methylene}butoxy]phenoxy- (9CI) (CA INDEX NAME)



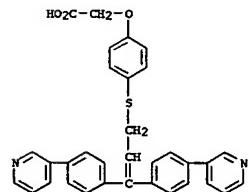
RN 673480-57-4 CAPLUS
CN Acetic acid, [4-[[2-{bis[4-(4-acetyl-2-thienyl)phenyl]methylene}butyl]thio]phenoxy- (9CI) (CA INDEX NAME)



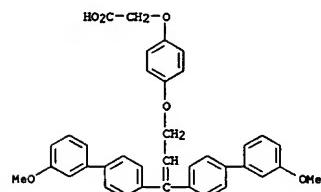
RN 673480-58-5 CAPLUS
CN Acetic acid, [4-[[3,3-bis[4-(3-pyridinyl)phenyl]-2-propenyl]oxy]phenoxy- (9CI) (CA INDEX NAME)



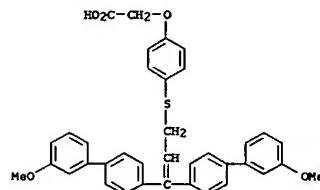
RN 673480-59-6 CAPLUS
CN Acetic acid, [4-[[3,3-bis[4-(3-pyridinyl)phenyl]-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)



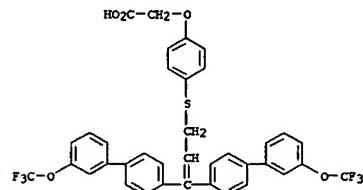
RN 673480-60-9 CAPLUS
CN Acetic acid, [4-[(3,3-bis(3'-methoxy[1,1'-biphenyl])-4-y1)-2-propenyl]oxy]phenoxy- (9CI) (CA INDEX NAME)



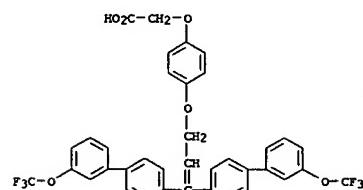
RN 673480-61-0 CAPLUS
CN Acetic acid, [4-[(3,3-bis(3'-methoxy[1,1'-biphenyl])-4-y1)-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)



RN 673480-62-1 CAPLUS
CN Acetic acid, [4-[(3,3-bis[3'-(trifluoromethoxy)[1,1'-biphenyl]-4-y1)-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

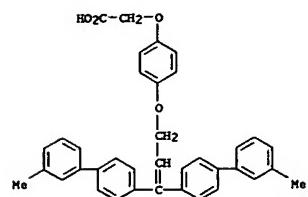


RN 673480-63-2 CAPLUS
CN Acetic acid, [4-[(3,3-bis[3'-(trifluoromethoxy)[1,1'-biphenyl]-4-y1)-2-propenyl]oxy]phenoxy- (9CI) (CA INDEX NAME)

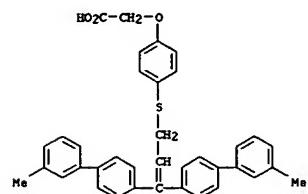


RN 673480-64-3 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[(3,3-bis(3'-methyl[1,1'-biphenyl]-4-yl)-2-propenyl)oxy]phenoxy]- (9CI) (CA INDEX NAME)

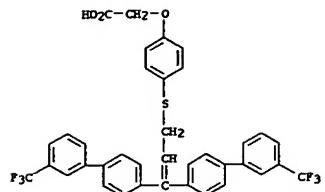


RN 673480-65-4 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(3'-methyl[1,1'-biphenyl]-4-yl)-2-propenyl)thio]phenoxy]- (9CI) (CA INDEX NAME)

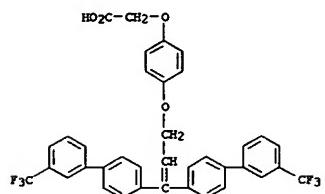


RN 673480-66-5 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(3'-(trifluoromethyl)(1,1'-biphenyl)-4-yl)-2-propenyl)thio]phenoxy]- (9CI) (CA INDEX NAME)

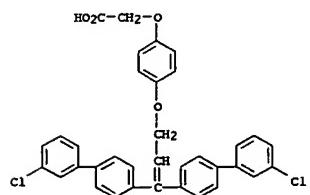
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673480-67-6 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(3'-(trifluoromethyl)(1,1'-biphenyl)-4-yl)-2-propenyl)oxy]phenoxy]- (9CI) (CA INDEX NAME)

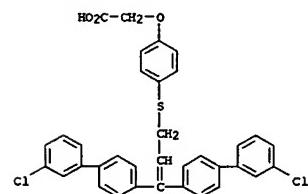


RN 673480-68-7 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(3'-chloro[1,1'-biphenyl]-4-yl)-2-propenyl)oxy]phenoxy]- (9CI) (CA INDEX NAME)

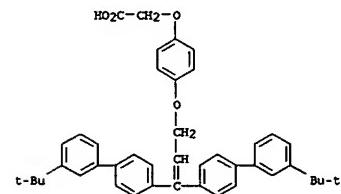


RN 673480-69-8 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[(3,3-bis(3'-chloro[1,1'-biphenyl]-4-yl)-2-propenyl)thio]phenoxy]- (9CI) (CA INDEX NAME)

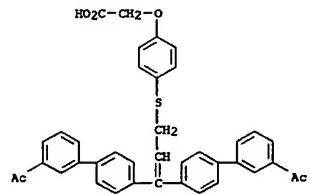


RN 673480-70-1 CAPLUS
 CN Acetic acid, [4-[(3,3-bis[3'-(1,1-dimethylethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

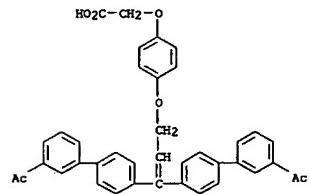


RN 673480-71-2 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(3'-acetyl[1,1'-biphenyl]-4-yl)-2-propenyl)thio]phenoxy]- (9CI) (CA INDEX NAME)

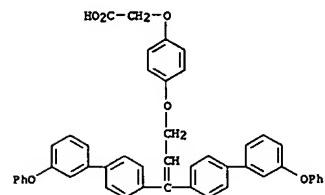
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673480-72-3 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(3'-acetyl[1,1'-biphenyl]-4-yl)-2-propenyl)oxy]phenoxy]- (9CI) (CA INDEX NAME)

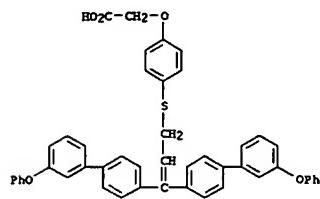


RN 673480-73-4 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(3'-phenoxy[1,1'-biphenyl]-4-yl)-2-propenyl)oxy]phenoxy]- (9CI) (CA INDEX NAME)

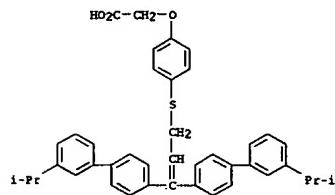


RN 673480-74-5 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[{3,3-bis(3'-phenoxyl)-4-yl}-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

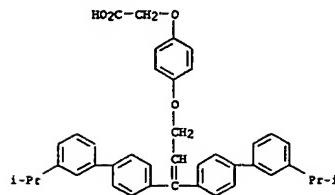


RN 673480-75-6 CAPLUS
 CN Acetic acid, [4-[{3,3-bis(3'-(1-methylethyl)-1,1'-biphenyl)-4-yl}-2-propenyl]thio]phenoxy- (9CI) (CA INDEX NAME)

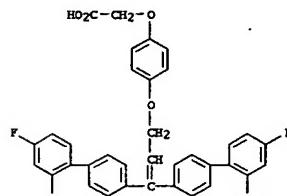


RN 673480-76-7 CAPLUS
 CN Acetic acid, [4-[{3,3-bis(3'-(1-methylethyl)-1,1'-biphenyl)-4-yl}-2-propenyl]oxy]phenoxy- (9CI) (CA INDEX NAME)

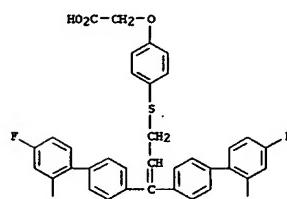
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673480-77-8 CAPLUS
 CN Acetic acid, [4-[{3,3-bis(2',4'-difluoro[1,1'-biphenyl]-4-yl)-2-propenyl}oxy]phenoxy- (9CI) (CA INDEX NAME)

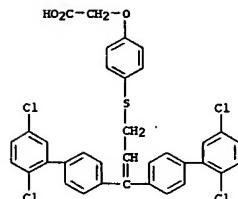


RN 673480-78-9 CAPLUS
 CN Acetic acid, [4-[{3,3-bis(2',4'-difluoro[1,1'-biphenyl]-4-yl)-2-propenyl}thio]phenoxy- (9CI) (CA INDEX NAME)

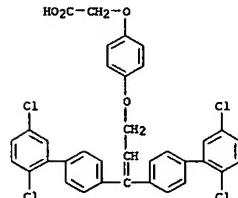


RN 673480-79-0 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[{3,3-bis(2',5'-dichloro[1,1'-biphenyl]-4-yl)-2-propenyl}thio]phenoxy- (9CI) (CA INDEX NAME)

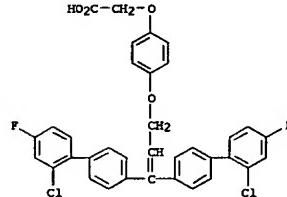


RN 673480-80-3 CAPLUS
 CN Acetic acid, [4-[{3,3-bis(2',5'-dichloro[1,1'-biphenyl]-4-yl)-2-propenyl}oxy]phenoxy- (9CI) (CA INDEX NAME)

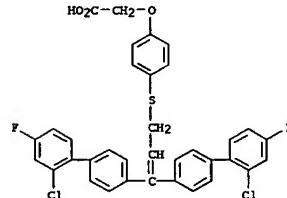


RN 673480-81-4 CAPLUS
 CN Acetic acid, [4-[{3,3-bis(2'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-propenyl}oxy]phenoxy- (9CI) (CA INDEX NAME)

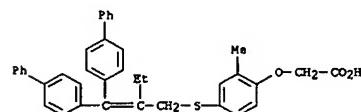
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



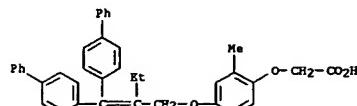
RN 673480-83-6 CAPLUS
 CN Acetic acid, [4-[{3,3-bis(2'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-propenyl}thio]phenoxy- (9CI) (CA INDEX NAME)



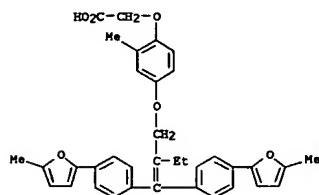
RN 673480-85-8 CAPLUS
 CN Acetic acid, [4-[{2-[bis([1,1'-biphenyl]-4-yl)methylene]butyl}thio]-2-methylphenoxy- (9CI) (CA INDEX NAME)



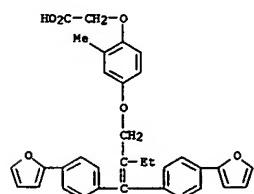
RN 673480-87-0 CAPLUS
 CN Acetic acid, [4-[{2-[bis([1,1'-biphenyl]-4-yl)methylene]butyl}thio]-2-methylphenoxy- (9CI) (CA INDEX NAME)



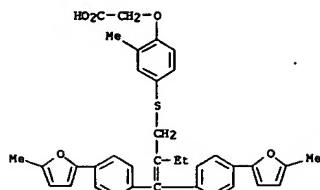
RN 673480-89-2 CAPIUS
CN Acetic acid, [4-{2-[bis(4-(5-methyl-2-furanyl)phenyl)methylene]butoxy}-2-methylphenoxy]- (9CI) (CA INDEX NAME)



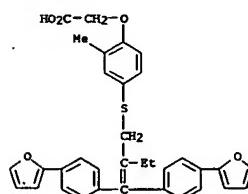
RN 673480-91-6 CAPIUS
CN Acetic acid, [4-{2-[bis(4-(2-furanyl)phenyl)methylene]butoxy}-2-methylphenoxy]- (9CI) (CA INDEX NAME)



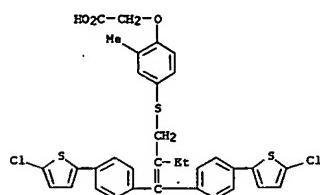
RN 673480-94-9 CAPIUS
CN Acetic acid, [4-{2-[bis(4-(5-methyl-2-furanyl)phenyl)methylene]butoyl}thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 673480-97-2 CAPIUS
CN Acetic acid, [4-{2-[bis(4-(2-furanyl)phenyl)methylene]butyl}thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

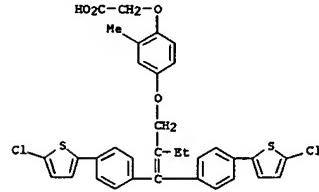


RN 673480-99-4 CAPIUS
CN Acetic acid, [4-{2-[bis(4-(5-chloro-2-thienyl)phenyl)methylene]butyl}thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

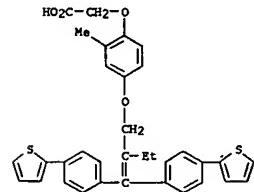


RN 673481-02-2 CAPIUS

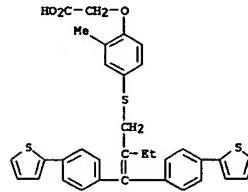
CN Acetic acid, [4-{2-[bis(4-(5-chloro-2-thienyl)phenyl)methylene]butoxy}-2-methylphenoxy]- (9CI) (CA INDEX NAME)



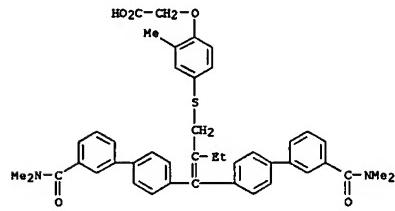
RN 673481-05-5 CAPIUS
CN Acetic acid, [4-{2-[bis(4-(2-thienyl)phenyl)methylene]butoxy}-2-methylphenoxy]- (9CI) (CA INDEX NAME)



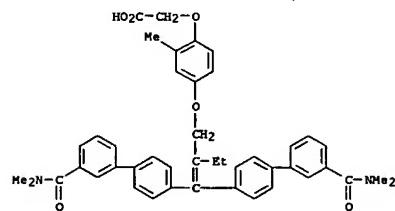
RN 673481-08-8 CAPIUS
CN Acetic acid, [4-{2-[bis(4-(2-thienyl)phenyl)methylene]butyl}thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



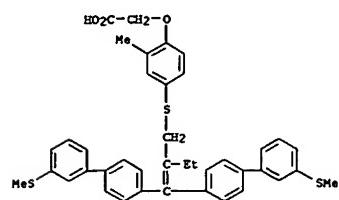
RN 673481-11-3 CAPIUS
CN Acetic acid, [4-{2-[bis(3'-(dimethylamino)carbonyl)[1,1'-biphenyl]-4-ylmethylene]butyl}thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



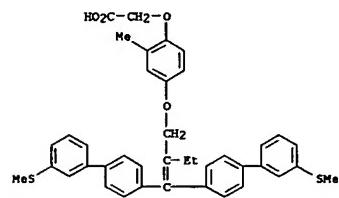
RN 673481-13-5 CAPIUS
CN Acetic acid, [4-{2-[bis(3'-(dimethylamino)carbonyl)[1,1'-biphenyl]-4-ylmethylene]butoxy}-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 673481-16-8 CAPLUS
 CN Acetic acid, [4-[{2-[bis[3'-(methylthio)[1,1'-biphenyl]-4-yl]methylene]butyl}thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

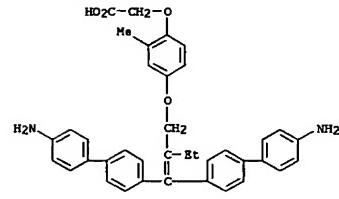


RN 673481-19-1 CAPLUS
 CN Acetic acid, [4-[{2-[bis[3'-(methylthio)[1,1'-biphenyl]-4-yl]methylene]butyl}thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

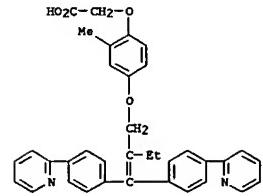


RN 673481-22-6 CAPLUS
 CN Acetic acid, [4-[{2-[bis[3'-(amino[1,1'-biphenyl]-4-yl)methylene]butoxy}-2-methylphenoxy] - (9CI) (CA INDEX NAME)

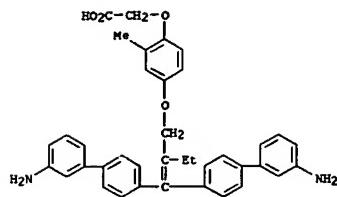
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[{2-[bis[3'-(amino[1,1'-biphenyl]-4-yl)methylene]butoxy}-2-methylphenoxy] - (9CI) (CA INDEX NAME)



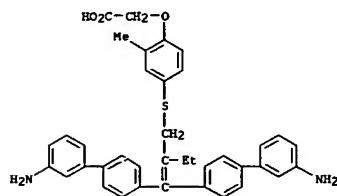
RN 673481-32-8 CAPLUS
 CN Acetic acid, [4-[{2-[bis[4-(2-pyridinyl)phenyl]methylene]butoxy}-2-methylphenoxy] - (9CI) (CA INDEX NAME)



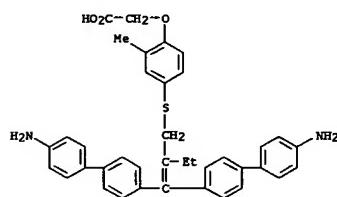
RN 673481-35-1 CAPLUS
 CN Acetic acid, [4-[{2-[bis[4-(2-pyridinyl)phenyl]methylene]butyl}thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)



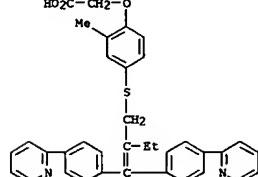
RN 673481-24-8 CAPLUS
 CN Acetic acid, [4-[{2-[bis(3'-amino[1,1'-biphenyl]-4-yl)methylene]butyl}thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)



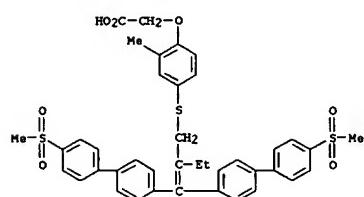
RN 673481-27-1 CAPLUS
 CN Acetic acid, [4-[{2-[bis(4'-amino[1,1'-biphenyl]-4-yl)methylene]butyl}thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)



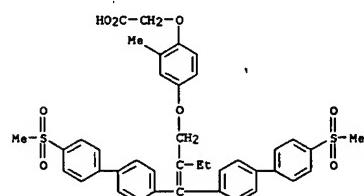
RN 673481-29-3 CAPLUS



RN 673481-36-2 CAPLUS
 CN Acetic acid, [4-[{2-[bis[4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl)methylene]butyl}thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

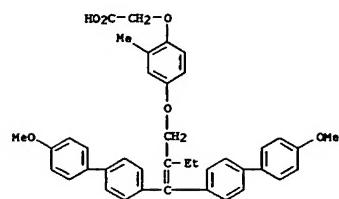


RN 673481-38-4 CAPLUS
 CN Acetic acid, [4-[{2-[bis[4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl)methylene]butyl}thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

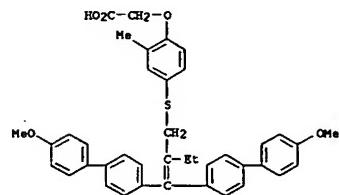


RN 673481-40-8 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[2-[bis(4'-methoxy[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

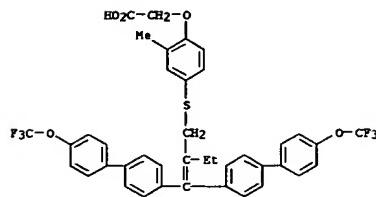


RN 673481-42-0 CAPLUS
 CN Acetic acid, [4-[2-[bis(4'-methoxy[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

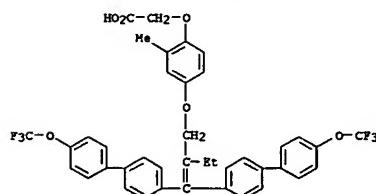


RN 673481-44-2 CAPLUS
 CN Acetic acid, [4-[2-[bis[4'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

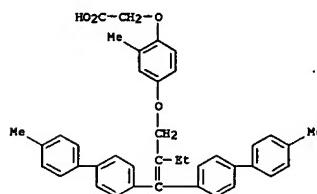
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673481-47-5 CAPLUS
 CN Acetic acid, [4-[2-[bis[4'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl)methylene]butyl]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

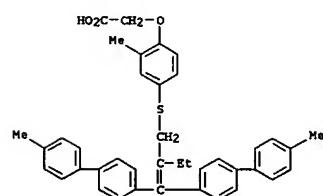


RN 673481-50-0 CAPLUS
 CN Acetic acid, [4-[2-[bis[4'-methyl[1,1'-biphenyl]-4-yl)methylene]butyl]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

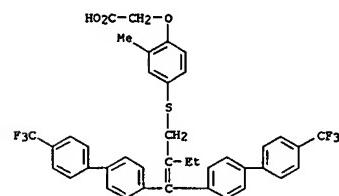


RN 673481-53-3 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[2-[bis(4'-methyl[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

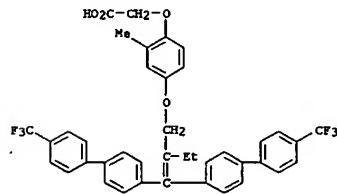


RN 673481-56-6 CAPLUS
 CN Acetic acid, [4-[2-[bis(4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

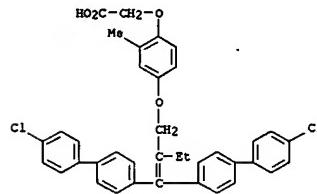


RN 673481-58-8 CAPLUS
 CN Acetic acid, [4-[2-[bis[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

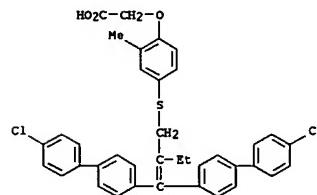
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673481-61-3 CAPLUS
 CN Acetic acid, [4-[2-[bis(4'-chloro[1,1'-biphenyl]-4-yl)methylene]butyl]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

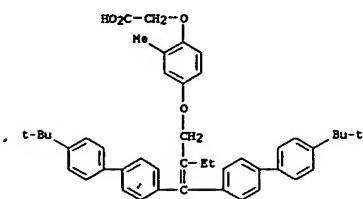


RN 673481-64-6 CAPLUS
 CN Acetic acid, [4-[2-[bis(4'-chloro[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

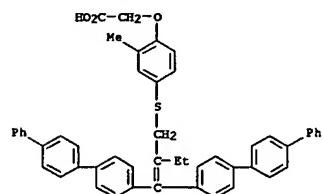


RN 673481-67-9 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[2-(bis[4'-(1,1-dimethylethyl)[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

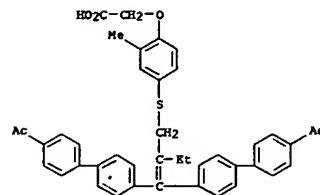


RN 673481-70-4 CAPLUS
 CN Acetic acid, [4-[2-(bis[4',1'-terphenyl]-4-yl)methylene]butyl]thio-2-methylphenoxy]- (9CI) (CA INDEX NAME)

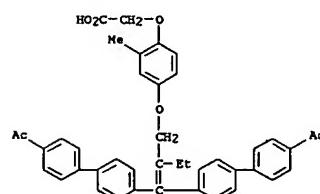


RN 673481-73-7 CAPLUS
 CN Acetic acid, [4-[2-(bis[4'-acetyl[1,1'-biphenyl]-4-yl)methylene]butyl]thio-2-methylphenoxy]- (9CI) (CA INDEX NAME)

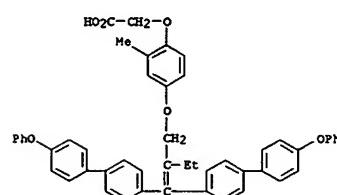
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673481-76-0 CAPLUS
 CN Acetic acid, [4-[2-(bis[4'-acetyl[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

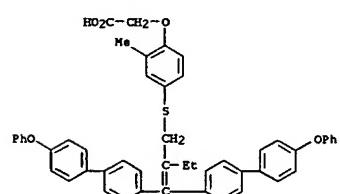


RN 673481-79-3 CAPLUS
 CN Acetic acid, [4-[2-(bis[4'-phenoxy[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

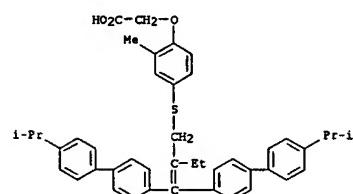


RN 673481-80-6 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[2-(bis[4'-phenoxy[1,1'-biphenyl]-4-yl)methylene]butyl]thio-2-methylphenoxy]- (9CI) (CA INDEX NAME)

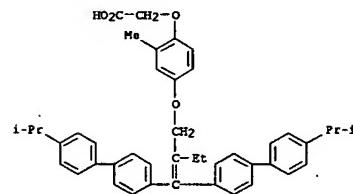


RN 673481-82-8 CAPLUS
 CN Acetic acid, [4-[2-(bis[4'-(1-methylethyl)[1,1'-biphenyl]-4-yl)methylene]butyl]thio-2-methylphenoxy]- (9CI) (CA INDEX NAME)

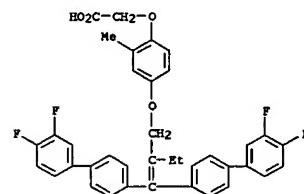


RN 673481-84-0 CAPLUS
 CN Acetic acid, [4-[2-(bis[4'-(1-methylethyl)[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

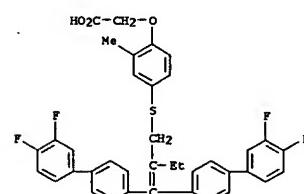
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673481-87-3 CAPLUS
 CN Acetic acid, [4-[2-(bis(3',4'-difluoro[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

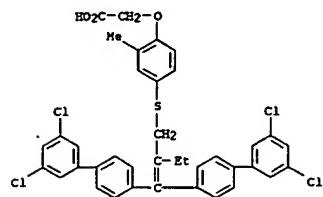


RN 673481-90-8 CAPLUS
 CN Acetic acid, [4-[2-(bis(3',4'-difluoro[1,1'-biphenyl]-4-yl)methylene]butyl]thio-2-methylphenoxy]- (9CI) (CA INDEX NAME)

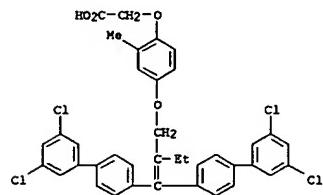


RN 673481-93-1 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[2-[bis(3',5'-dichloro[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

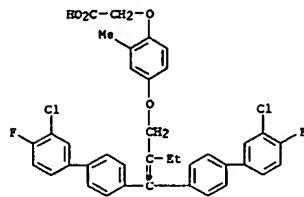


RN 673481-94-2 CAPLUS
 CN Acetic acid, [4-[2-[bis(3',5'-dichloro[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

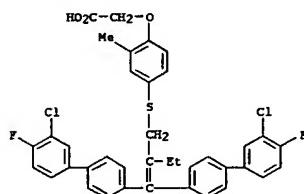


RN 673481-97-5 CAPLUS
 CN Acetic acid, [4-[2-[bis(3'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

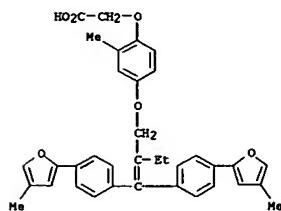
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



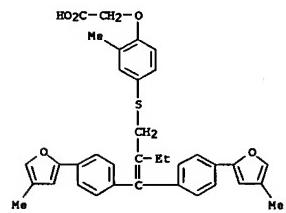
RN 673481-98-6 CAPLUS
 CN Acetic acid, [4-[2-[bis(3'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



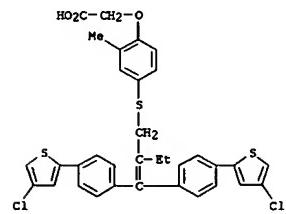
RN 673482-00-3 CAPLUS
 CN Acetic acid, [4-[2-[bis(4-(4-methyl-2-furanyl)phenyl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 RN 673482-02-5 CAPLUS
 CN Acetic acid, [4-[2-[bis(4-(4-methyl-2-furanyl)phenyl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

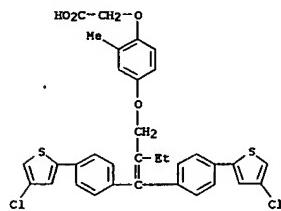


RN 673482-05-8 CAPLUS
 CN Acetic acid, [4-[2-[bis(4-(4-chloro-2-thienyl)phenyl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

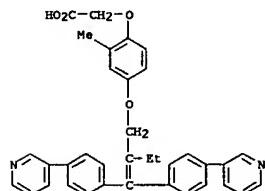


RN 673482-07-0 CAPLUS
 CN Acetic acid, [4-[2-[bis(4-(4-chloro-2-thienyl)phenyl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

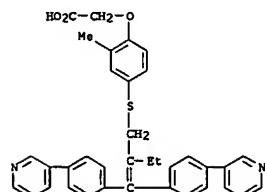
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



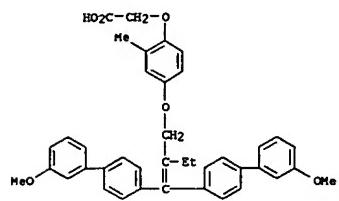
RN 673482-11-6 CAPLUS
 CN Acetic acid, [4-[2-[bis(4-(3-pyridinyl)phenyl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



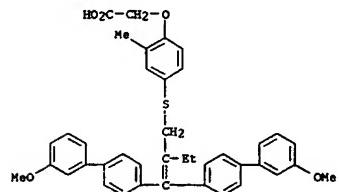
RN 673482-13-8 CAPLUS
 CN Acetic acid, [4-[2-[bis(4-(3-pyridinyl)phenyl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 RN 673482-14-9 CAPLUS
 CN Acetic acid, [4-[2-[bis(3'-methoxy[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

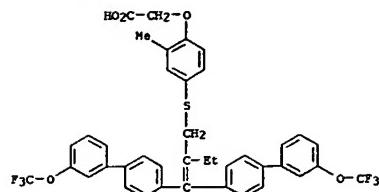


RN 673482-16-1 CAPLUS
 CN Acetic acid, [4-[2-[bis(3'-methoxy[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

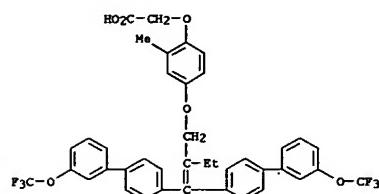


RN 673482-19-4 CAPLUS
 CN Acetic acid, [4-[2-[bis(3'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

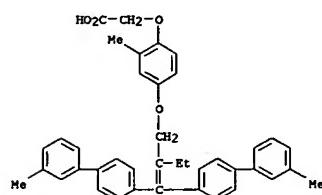
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673482-21-8 CAPLUS
 CN Acetic acid, [4-[2-[bis(3'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

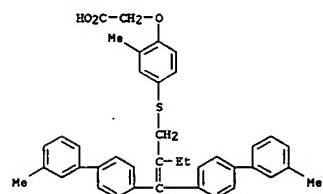


RN 673482-22-9 CAPLUS
 CN Acetic acid, [4-[2-[bis(3'-methyl[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

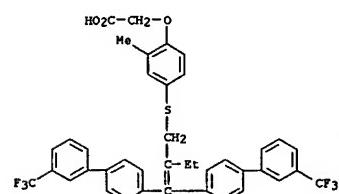


RN 673482-24-1 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[2-[bis(3'-methyl[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

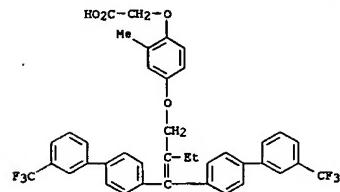


RN 673482-27-4 CAPLUS
 CN Acetic acid, [4-[2-[bis(3'-(trifluoromethyl)[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

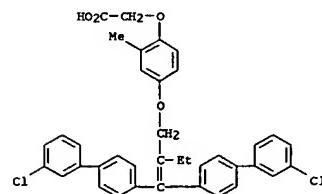


RN 673482-29-6 CAPLUS
 CN Acetic acid, [4-[2-[bis(3'-(trifluoromethyl)[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

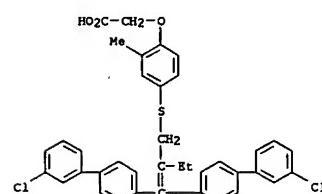
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673482-31-0 CAPLUS
 CN Acetic acid, [4-[2-[bis(3'-chloro[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

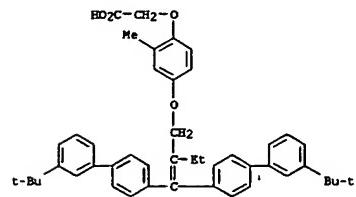


RN 673482-34-3 CAPLUS
 CN Acetic acid, [4-[2-[bis(3'-chloro[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

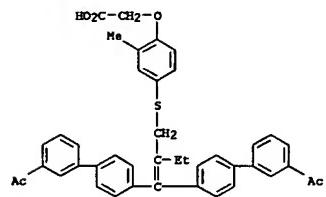


RN 673482-36-5 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-{[2-(bis[3'-1,1-dimethylethyl][1,1'-biphenyl]-4-yl)methylene]butoxy}-2-methylphenoxy] (9CI) (CA INDEX NAME)



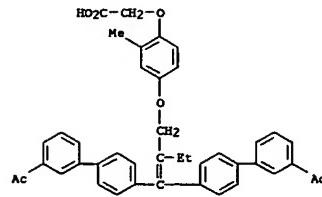
RN 673482-39-8 CAPLUS
 CN Acetic acid, [4-{[2-(bis[3'-acetyl[1,1'-biphenyl]-4-yl)methylene]butyl]thio}-2-methylphenoxy] (9CI) (CA INDEX NAME)



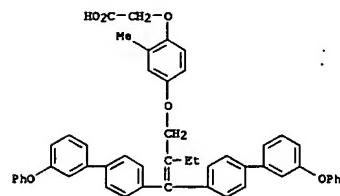
RN 673482-42-3 CAPLUS
 CN Acetic acid, [4-{[2-(bis[3'-acetyl[1,1'-biphenyl]-4-yl)methylene]butoxy}-2-methylphenoxy] (9CI) (CA INDEX NAME)



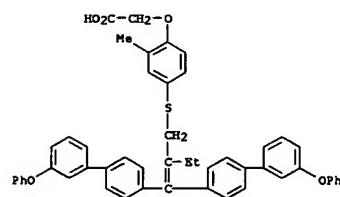
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673482-45-6 CAPLUS
 CN Acetic acid, [4-{[2-(bis[3'-phenoxy[1,1'-biphenyl]-4-yl)methylene]butoxy}-2-methylphenoxy] (9CI) (CA INDEX NAME)

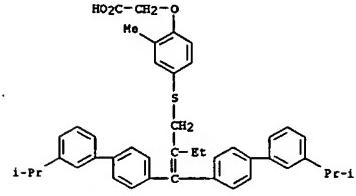


RN 673482-48-9 CAPLUS
 CN Acetic acid, [4-{[2-(bis[3'-phenoxy[1,1'-biphenyl]-4-yl)methylene]butyl]thio}-2-methylphenoxy] (9CI) (CA INDEX NAME)



RN 673482-51-4 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-{[2-(bis[3'-1-methylallyl][1,1'-biphenyl]-4-yl)methylene]butyl]thio}-2-methylphenoxy] (9CI) (CA INDEX NAME)

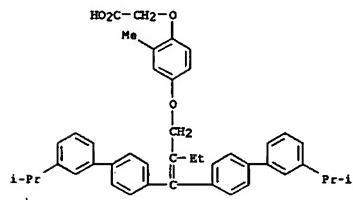


IT 673482-54-7P, [4-{[3,3-Bis(3'-isopropylbiphenyl-4-yl)-2-ethylallyl]oxy}-2-methylphenoxy]acetic acid 673482-56-9P, [4-{[3,3-Bis(2',4'-difluorobiphenyl-4-yl)-2-ethylallyl]oxy}-2-methylphenoxy]acetic acid 673482-58-1P, [4-{[3,3-Bis(2',4'-difluorobiphenyl-4-yl)-2-ethylallyl]sulfanyl}-2-methylphenoxy]acetic acid 673482-60-5P, [4-{[3,3-Bis(2',5'-dichlorobiphenyl-4-yl)-2-ethylallyl]sulfanyl}-2-methylphenoxy]acetic acid 673482-62-7P, [4-{[3,3-Bis(2',5'-dichlorobiphenyl-4-yl)-2-ethylallyl]oxy}-2-methylphenoxy]acetic acid 673482-64-9P, [4-{[3,3-Bis(2',5'-dichlorobiphenyl-4-yl)-2-ethylallyl]oxy}-2-methylphenoxy]acetic acid 673482-66-1P, [4-{[3,3-Bis(2',5'-dichlorobiphenyl-4-yl)-2-ethylallyl]oxy}-2-methylphenoxy]acetic acid 673482-71-8P, [4-{[3,3-Bis(biphenyl-4-yl)-2-ethoxallyl]oxy}-2-methylphenoxy]acetic acid 673482-73-0P, [4-{[3,3-Bis(4-5-methylfuran-2-yl)phenyl]-2-ethoxallyl]oxy}-2-methylphenoxy]acetic acid 673482-75-2P, [4-{[3,3-Bis(4-furan-2-yl)phenyl]-2-ethoxallyl]oxy}-2-methylphenoxy]acetic acid 673482-77-4P, [4-{[3,3-Bis(4-5-methylfuran-2-yl)phenyl]-2-ethoxallyl]sulfanyl}-2-methylphenoxy]acetic acid 673482-79-6P, [4-{[3,3-Bis(4-furan-2-yl)phenyl]-2-ethoxallyl]sulfanyl}-2-methylphenoxy]acetic acid 673482-81-0P, [4-{[3,3-Bis(4-5-chlorothiophen-2-yl)phenyl]-2-ethoxallyl]sulfanyl}-2-methylphenoxy]acetic acid 673482-83-2P, [4-{[3,3-Bis(4-(5-chlorothiophen-2-yl)phenyl)-2-ethoxallyl]oxy}-2-methylphenoxy]acetic acid 673482-85-4P, [4-{[3,3-Bis(4-(5-chlorothiophen-2-yl)phenyl)-2-ethoxallyl]oxy}-2-methylphenoxy]acetic acid 673482-87-6P, [4-{[3,3-Bis(4-(thiophen-2-yl)phenyl)-2-ethoxallyl]sulfanyl}-2-methylphenoxy]acetic acid 673482-89-8P, [4-{[3,3-Bis(4-(5-acetylthiophen-2-yl)phenyl)-2-ethoxallyl]sulfanyl}-2-methylphenoxy]acetic acid 673482-91-2P, [4-{[3,3-Bis(4-(5-acetylthiophen-2-yl)phenyl)-2-ethoxallyl]oxy}-2-methylphenoxy]acetic acid 673482-92-3P, [4-{[3,3-Bis(3'-methylsulfanyl)biphenyl-4-yl)-2-ethoxallyl]sulfanyl}-2-methylphenoxy]acetic acid 673482-94-5P, [4-{[3,3-Bis(3'-methylsulfanyl)biphenyl-4-yl)-2-ethoxallyl]oxy}-2-methylphenoxy]acetic acid 673482-96-7P, [4-{[3,3-Bis(3'-aminothiophenyl-4-yl)-2-ethoxallyl]oxy}-2-methylphenoxy]acetic acid 673482-99-0P, [4-{[3,3-Bis(3'-aminothiophenyl-4-yl)-2-ethoxallyl]sulfanyl}-2-methylphenoxy]acetic acid 673483-02-0P, [4-{[3,3-Bis(4-aminothiophenyl-4-yl)-2-ethoxallyl]sulfanyl}-2-methylphenoxy]acetic acid 673483-03-9P, [4-{[3,3-Bis(4-aminothiophenyl-4-yl)-2-ethoxallyl]oxy}-2-methylphenoxy]acetic acid 673483-06-2P,

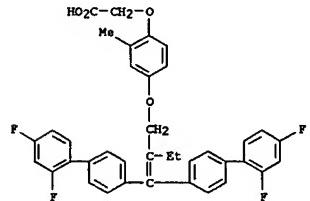
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 [4-{[3,3-Bis(4-(pyridin-2-yl)phenyl)-2-ethoxallyl]oxy}-2-methylphenoxy]acetic acid 673483-09-5P, [4-{[3,3-Bis(4-(pyridin-2-yl)phenyl)-2-ethoxallyl]sulfanyl}-2-methylphenoxy]acetic acid 673483-10-8P, [4-{[3,3-Bis(4-(methanesulfonyl)biphenyl-4-yl)-2-ethoxallyl]sulfanyl}-2-methylphenoxy]acetic acid 673483-13-1P, [4-{[3,3-Bis(4-(methanesulfonyl)biphenyl-4-yl)-2-ethoxallyl]oxy}-2-methylphenoxy]acetic acid 673483-16-4P, [4-{[3,3-Bis(3'-dimethylcarbamoyl)biphenyl-4-yl)-2-ethoxallyl]sulfanyl}-2-methylphenoxy]acetic acid 673483-19-7P, [4-{[3,3-Bis(3'-dimethylcarbamoyl)biphenyl-4-yl)-2-ethoxallyl]oxy}-2-methylphenoxy]acetic acid 673483-22-2P, [4-{[3,3-Bis(4-methoxybiphenyl-4-yl)-2-ethoxallyl]oxy}-2-methylphenoxy]acetic acid 673483-23-3P, [4-{[3,3-Bis(4-methoxybiphenyl-4-yl)-2-ethoxallyl]sulfanyl}-2-methylphenoxy]acetic acid 673483-26-6P, [4-{[3,3-Bis(4-(trifluoromethoxy)biphenyl-4-yl)-2-ethoxallyl]sulfanyl}-2-methylphenoxy]acetic acid 673483-29-9P, [4-{[3,3-Bis(4-(trifluoromethoxy)biphenyl-4-yl)-2-ethoxallyl]oxy}-2-methylphenoxy]acetic acid 673483-32-4P, [4-{[3,3-Bis(4-(2-methylbiphenyl-4-yl)-2-ethoxallyl]oxy}-2-methylphenoxy]acetic acid 673483-36-8P, [4-{[3,3-Bis(4-(2-methylbiphenyl-4-yl)-2-ethoxallyl]sulfanyl}-2-methylphenoxy]acetic acid 673483-39-1P, [4-{[3,3-Bis(4-(2-methylbiphenyl-4-yl)-2-ethoxallyl]oxy}-2-methylphenoxy]acetic acid 673483-42-6P, [4-{[3,3-Bis(4-(trifluoromethoxy)biphenyl-4-yl)-2-ethoxallyl]sulfanyl}-2-methylphenoxy]acetic acid 673483-45-0P, [4-{[3,3-Bis(4-(chlorobiphenyl-4-yl)-2-ethoxallyl)oxy}-2-methylphenoxy]acetic acid 673483-48-2P, [4-{[3,3-Bis(4-(4-methylbiphenyl-4-yl)-2-ethoxallyl)oxy}-2-methylphenoxy]acetic acid 673483-50-6P, [4-{[3,3-Bis(4-(4-acetylthiophenyl-4-yl)-2-ethoxallyl)oxy}-2-methylphenoxy]acetic acid 673483-53-5P, [4-{[3,3-Bis(4-(4-acetylthiophenyl-4-yl)-2-ethoxallyl)oxy}-2-methylphenoxy]acetic acid 673483-55-1P, [4-{[3,3-Bis(4-(4-acetylthiophenyl-4-yl)-2-ethoxallyl)oxy}-2-methylphenoxy]acetic acid 673483-57-3P, [4-{[3,3-Bis(4-(4-phenoxybiphenyl-4-yl)-2-ethoxallyl)oxy}-2-methylphenoxy]acetic acid 673483-59-5P, [4-{[3,3-Bis(4-(4-phenoxybiphenyl-4-yl)-2-ethoxallyl)oxy}-2-methylphenoxy]acetic acid 673483-61-9P, [4-{[3,3-Bis(4-(4-phenoxybiphenyl-4-yl)-2-ethoxallyl)oxy}-2-methylphenoxy]acetic acid 673483-63-10P, [4-{[3,3-Bis(4-(4-isopropylbiphenyl-4-yl)-2-ethoxallyl)oxy}-2-methylphenoxy]acetic acid 673483-65-3P, [4-{[3,3-Bis(4-(4-isopropylbiphenyl-4-yl)-2-ethoxallyl)oxy}-2-methylphenoxy]acetic acid 673483-67-5P, [4-{[3,3-Bis(4-(4-difluorobiphenyl-4-yl)-2-ethoxallyl)oxy}-2-methylphenoxy]acetic acid 673483-69-7P, [4-{[3,3-Bis(4-(4-difluorobiphenyl-4-yl)-2-ethoxallyl)oxy}-2-methylphenoxy]acetic acid 673483-70-0P, [4-{[3,3-Bis(4-(5-dichlorobiphenyl-4-yl)-2-ethoxallyl)oxy}-2-methylphenoxy]acetic acid 673483-72-2P, [4-{[3,3-Bis(4-(5-dichlorobiphenyl-4-yl)-2-ethoxallyl)oxy}-2-methylphenoxy]acetic acid 673483-74-4P, [4-{[3,3-Bis(3'-chloro-4'-fluorobiphenyl-4-yl)-2-ethoxallyl]oxy}-2-methylphenoxy]acetic acid 673483-77-7P, [4-{[3,3-Bis(3'-chloro-4'-fluorobiphenyl-4-yl)-2-ethoxallyl]sulfanyl}-2-methylphenoxy]acetic acid 673483-79-9P, [4-{[3,3-Bis(4-(4-methylfuran-2-yl)phenyl)-2-ethoxallyl]oxy}-2-methylphenoxy]acetic acid 673483-81-3P, [4-{[3,3-Bis(4-(4-methylfuran-2-yl)phenyl)-2-ethoxallyl]sulfanyl}-2-methylphenoxy]acetic acid 673483-83-5P, [4-{[3,3-Bis(4-(4-methylfuran-2-yl)phenyl)-2-ethoxallyl]oxy}-2-methylphenoxy]acetic acid 673483-84-6P, [4-{[3,3-Bis(4-(4-chlorothiophen-2-yl)phenyl)-2-ethoxallyl]sulfanyl}-2-methylphenoxy]acetic acid 673483-87-9P, [4-{[3,3-Bis(4-(4-chlorothiophen-2-yl)phenyl)-2-ethoxallyl]oxy}-2-methylphenoxy]acetic acid 673483-89-1P, [4-{[3,3-Bis(4-(4-chlorothiophen-2-yl)phenyl)-2-ethoxallyl]oxy}-2-methylphenoxy]acetic acid 673483-91-5P, [4-{[3,3-Bis(4-(4-acetylthiophen-2-yl)phenyl)-2-ethoxallyl]sulfanyl}-2-methylphenoxy]acetic acid 673483-93-7P, [4-{[3,3-Bis(4-(4-acetylthiophen-2-yl)phenyl)-2-ethoxallyl]oxy}-2-methylphenoxy]acetic acid 673483-95-1P]

- ANSWER 3 OF 3 CAPLUS** COPYRIGHT © 2001 ACS ON STN (Continued)
 3-(1-phenyl-2-ethoxyallyl)oxy-2-methylphenoxycylic acid
 673483-95-8P, [4-([3,3-Bis[4-(pyridin-3-yl)phenyl]-2-ethoxyallyl)sulfanyl]-2-methylphenoxycylic acid 673483-97-1P,
 [4-([3,3-Bis(3'-methoxyphenyl)-4-yl]-2-ethoxyallyl)oxy]-2-methylphenoxycylic acid 673483-99-3P, [4-([3,3-Bis(3'-
 methoxyphenyl)-4-yl]-2-ethoxyallyl)sulfanyl]-2-methylphenoxycylic acid 673483-01-0P, [4-([3,3-Bis(3'-
 methoxyphenyl)-4-yl]-2-ethoxyallyl)sulfanyl]-2-(trifluoromethoxy)benzyl-4-yl]-2-
 ethoxyallyl)sulfanyl]-2-methylphenoxycylic acid 673484-03-2P, [4-([3,3-Bis(3'-trifluoromethoxy)benzyl-4-yl]-2-ethoxyallyl)oxy]-2-
 methylphenoxycylic acid 673484-05-4P, [4-([3,3-Bis(3'-
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 trifluoromethoxy)benzyl-4-yl]-2-ethoxyallyl)oxy]-2-methylphenoxycylic acid 673484-13-4P, [4-([3,3-Bis(3'-chlorobiphenyl-4-yl)-2-
 ethoxyallyl)sulfanyl]-2-methylphenoxycylic acid 673484-15-6P, [4-([3,3-Bis(3'-chlorobiphenyl-4-yl)-2-
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 4'-fluorobiphenyl-4-yl)-2-ethoxyallyl)sulfanyl]-2-methylphenoxycylic acid 673484-41-0P, [4-([3,3-Bis(2'-chloro-
 4'-fluorobiphenyl-4-yl)-2-ethoxyallyl)oxy]-2-methylphenoxycylic acid 673484-43-0P, [4-([3,3-Bis(2'-
 chlorophenyl)-4-yl)-2-
 chlorophenoxy]acetic acid 673484-45-2P, [4-([3,3-Bis(2'-biphenyl-4-
 yl)-2-
 chlorophenoxy]acetic acid 673484-47-4P, [4-([3,3-Bis(4-(5-methylfurran-2-yl)phenyl)-2-
 chlorophenoxy]acetic acid 673484-49-6P, [4-([3,3-Bis(4-(furan-2-
 yl)phenyl)-2-
 chlorophenoxy]acetic acid 673484-51-0P, [4-([3,3-Bis(4-(5-methylfurran-2-yl)phenyl)-2-
 chlorophenoxy]acetic acid 673484-53-2P, [4-([3,3-Bis(4-(furan-2-
 yl)phenyl)-2-
 chlorophenoxy]acetic acid 673484-54-3P, [4-([3,3-Bis(4-(5-chlorothiophen-2-yl)phenyl)-2-
 chlorophenoxy]acetic acid 673484-56-5P, [4-([3,3-Bis(4-(5-
 chlorothiophen-2-yl)phenyl)-2-
 chlorophenoxy]acetic acid 673484-58-7P, [4-([3,3-Bis(4-(thiophen-2-
 yl)phenyl)-2-
 chlorophenoxy]acetic acid 673484-60-1P, [4-([3,3-Bis(4-(thiophen-2-
 yl)phenyl)-2-
 chlorophenoxy]acetic acid 673484-62-3P, [4-([3,3-Bis(4-(5-acetylthiophen-2-
 yl)phenyl)-2-
 chlorophenoxy]acetic acid 673484-63-4P, [4-([3,3-Bis(4-(5-acetylthiophen-2-yl)phenyl)-2-
 chlorophenoxy]acetic acid 673484-65-5P, [4-([3,3-Bis(4-(5-

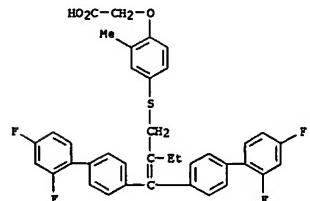
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673482-56-9 CAPLUS
CN Acetic acid, [4-[2-[bis(2',4'-difluoro[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 673482-58-1 CAPLUS
CN Acetic acid, [4-[2-[bis(2',4'-difluorobiphenyl)-4-yl)methylene]butyl]thio-2-methylphenoxy- (9CI) (CA INDEX NAME)

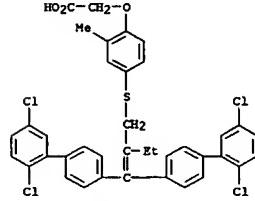


- ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS ON STN (Continued)
 acetylphenyl-2-yl)phenyl]-2-(ethylallyloxy)-2-chlorophenoxy]acetic acid
 673484-65-6P [4-[(3,3-Bis[4-(5-acetylthiophen-2-yl)phenyl]-2-ethylallyloxy)-2-chlorophenoxy]acetic acid 673484-66-7P;
 [4-[(3,3-Bis[3'-methylsulfonyl]biphenyl-4-yl)allyl]sulfanyl]-2-chlorophenoxy]acetic acid 673484-67-8P; [4-[(3,3-Bis[3'-methylsulfonyl]biphenyl-4-yl)allyl]oxy]-2-chlorophenoxy]acetic acid
 673484-68-9P; [4-[(3,3-Bis[3'-aminobiphenyl-4-yl)allyl]oxy]-2-chlorophenoxy]acetic acid
 chlorophenoxy]acetic acid 673484-69-0P; [4-[(3,3-Bis[3'-aminobiphenyl-4-yl)allyl]sulfanyl]-2-chlorophenoxy]acetic acid
 673484-71-4P; [4-[(3,3-Bis[4-(aminobiphenyl-4-yl)allyl]sulfanyl)-2-chlorophenoxy]acetic acid
 673484-72-5P; [4-[(3,3-Bis[4'-aminobiphenyl-4-yl)allyl]oxy)-2-chlorophenoxy]acetic acid
 673484-73-6P; [4-[(3,3-Bis[4-(pyridin-2-yl)phenyl]allyl)oxy]-2-chlorophenoxy]acetic acid
 673484-74-7P; [4-[(3,3-Bis[4-(pyridin-2-yl)phenyl]allyl)sulfanyl]-2-chlorophenoxy]acetic acid
 673484-75-8P; [4-[(3,3-Bis[4-(methanesulfonyl)biphenyl-4-yl)allyl]sulfanyl]-2-chlorophenoxy]acetic acid 673484-76-9P;
 [4-[(3,3-Bis[4-(methanesulfonyl)biphenyl-4-yl)allyl]oxy)-2-chlorophenoxy]acetic acid
 673484-77-0P; [4-[(3,3-Bis[4'-methoxybiphenyl-4-yl)allyl]oxy)-2-chlorophenoxy]acetic acid
 673484-78-1P; [4-[(3,3-Bis[4-(methoxybiphenyl-4-yl)allyl]sulfanyl)-2-chlorophenoxy]acetic acid
 673484-79-2P; [4-[(3,3-Bis[4-(trifluoromethyl)biphenyl-4-yl)allyl]sulfanyl]-2-chlorophenoxy]acetic
 acid 673484-80-3P; [4-[(3,3-Bis[4-(trifluoromethyl)biphenyl-4-yl)allyl]oxy)-2-chlorophenoxy]acetic
 acid 673484-82-6P; [4-[(3,3-Bis[4-(trifluoromethyl)biphenyl-4-yl)allyl]sulfanyl]-2-chlorophenoxy]acetic
 acid 673484-82-7P; [4-[(3,3-Bis[4-(trifluoromethyl)biphenyl-4-yl)allyl]oxy)-2-chlorophenoxy]acetic
 acid 673484-83-8P; [4-[(3,3-Bis[4-(trifluoromethyl)biphenyl-4-yl)allyl]oxy)-2-
 chlorophenoxy]acetic acid 673484-84-9P; [4-[(3,3-Bis[4'-chlorobiphenyl-4-yl)allyl]oxy)-2-
 chlorophenoxy]acetic acid 673484-85-0P; [4-[(3,3-Bis[4'-chlorobiphenyl-4-yl)allyl]sulfanyl]-2-
 chlorophenoxy]acetic acid 673484-86-1P; [4-[(3,3-Bis[4'-tert-butylbiphenyl-4-yl)allyl]oxy)-2-chlorophenoxy]acetic acid
 673484-87-2P 673484-88-3P; [4-[(3,3-Bis[4'-acetylphenyl-4-yl)allyl]sulfanyl]-2-chlorophenoxy]acetic acid
 673484-89-4P; [4-[(3,3-Bis[4-(phenoxybiphenyl-4-yl)allyl]oxy)-2-
 chlorophenoxy]acetic acid 673484-90-7P; [4-[(3,3-Bis[4'-phenoxypybiphenyl-4-yl)allyl]sulfanyl]-2-chlorophenoxy]acetic acid
 673484-91-8P; [4-[(3,3-Bis[4'-isopropylbiphenyl-4-yl)allyl]sulfanyl]-2-chlorophenoxy]acetic acid
 673484-92-9P; [4-[(3,3-Bis[4'-isopropylbiphenyl-4-yl)allyl]oxy)-2-chlorophenoxy]acetic
 acid 673484-93-0P; [4-[(3,3-Bis[3',4'-difluorobiphenyl-4-yl)allyl]oxy)-2-chlorophenoxy]acetic
 acid 673484-94-1P; [4-[(3,3-Bis[3',4'-difluorobiphenyl-4-yl)allyl]sulfanyl]-2-
 chlorophenoxy]acetic acid 673484-96-3P; [4-[(3,3-Bis[3',5'-dichlorobiphenyl-4-yl)allyl]sulfanyl]-2-chlorophenoxy]acetic acid
 673484-97-4P; [4-[(3,3-Bis[3',5'-dichlorobiphenyl-4-yl)allyl]oxy)-2-chlorophenoxy]acetic
 acid 673484-98-5P; [4-[(3,3-Bis[3'-chloro-4'-fluorobiphenyl-4-yl)allyl]oxy)-2-chlorophenoxy]acetic acid
 673484-99-6P; [4-[(3,3-Bis[3'-chloro-4'-fluorobiphenyl-4-yl)allyl]sulfanyl]-2-
 chlorophenoxy]acetic acid
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)
 (PPAR_α agonist; prepn. of di(hetero)arylvinylic carboxylic acids as
 PPAR_α agonists for treatment of diabetes and related conditions)
 673482-54-7 CAPLUS
 Acetic acid, 4-[2-[bis[3'-(1-methylethyl)[1,1'-biphenyl]-4-
 yl]methylene]butoxy]-2-methylbenzoic acid (9CI) (CA INDEX NAME)

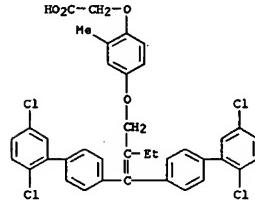
L4 ANSWER 3 OF 3 CAPIUS COPYRIGHT 2005 ACS on STN (Continued)

RN 673482-60-5 CAPIUS
CN Acetic acid, [4-{{2-

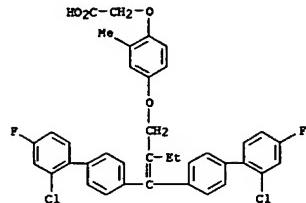
4. Acetic acid, [4-[(2-[bis(2-*p*-chlorophenoxy)-2-(*p*-methylbenzyl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



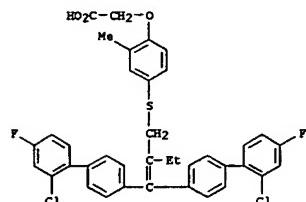
RN 673482-62-7 CAPLUS
CN Acetic acid, 4-[2-(bis(2',5'-dichloro[1,1'-biphenyl]-4-yl)methylene]butoxy-2-methylphenoxy- (9CI) (CA INDEX NAME)



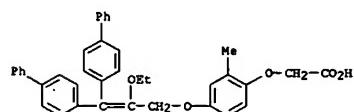
RN 673482-64-9 CAPLUS
CN Acetic acid, 4-[2-[bis(2'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



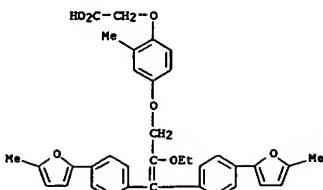
RN 673482-66-1 CAPLUS
CN Acetic acid, [4-[{2-[bis(2'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)methylene]butyl}thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



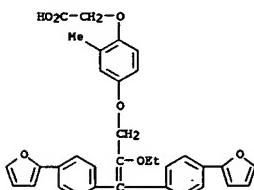
RN 673482-71-8 CAPLUS
CN Acetic acid, [4-[{3,3-bis([1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl}oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



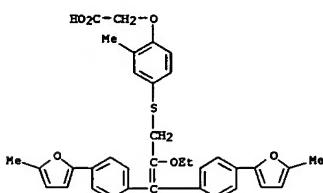
RN 673482-73-0 CAPLUS
CN Acetic acid, [4-[{2-ethoxy-3,3-bis[4-(5-methyl-2-furanyl)phenyl]-2-propenyl}oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



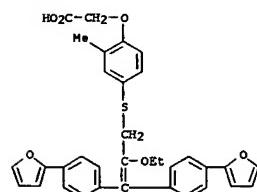
RN 673482-75-2 CAPLUS
CN Acetic acid, [4-[{2-ethoxy-3,3-bis[4-(2-furanyl)phenyl]-2-propenyl}oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



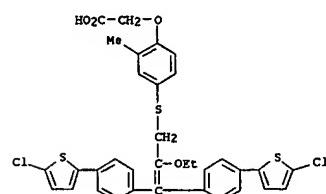
RN 673482-77-4 CAPLUS
CN Acetic acid, [4-[{2-ethoxy-3,3-bis[4-(5-methyl-2-furanyl)phenyl]-2-propenyl}thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



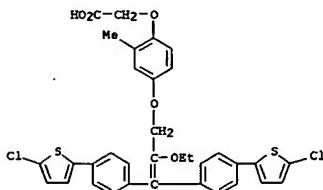
RN 673482-79-6 CAPLUS



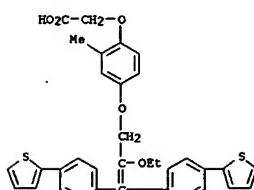
RN 673482-81-0 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(5-chloro-2-thienyl)phenyl]-2-ethoxy-2-propenyl}thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



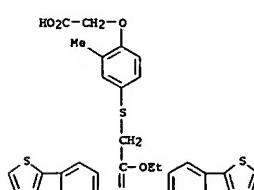
RN 673482-83-2 CAPLUS
CN Acetic acid, [4-[{3,3-bis[4-(5-chloro-2-thienyl)phenyl]-2-ethoxy-2-propenyl}oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 673482-85-4 CAPLUS
CN Acetic acid, [4-[{2-ethoxy-3,3-bis[4-(2-thienyl)phenyl]-2-propenyl}oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

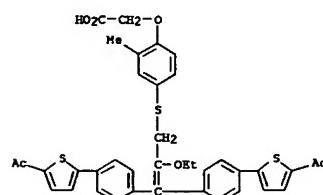


RN 673482-87-6 CAPLUS
CN Acetic acid, [4-[{2-ethoxy-3,3-bis[4-(2-thienyl)phenyl]-2-propenyl}thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

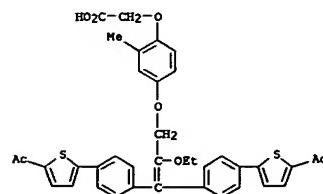


RN 673482-89-8 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[3,3-bis[4-(5-acetyl-2-thienyl)phenyl]-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

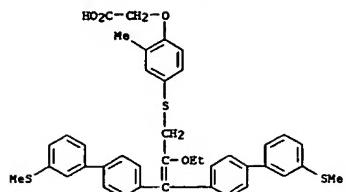


RN 673482-91-2 CAPLUS
 CN Acetic acid, [4-[[3,3-bis[4-(5-acetyl-2-thienyl)phenyl]-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

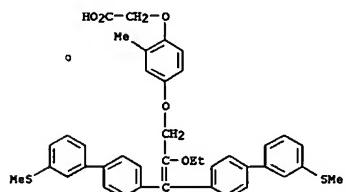


RN 673482-92-3 CAPLUS
 CN Acetic acid, [4-[[2-ethoxy-3,3-bis[3'-(methylthio)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

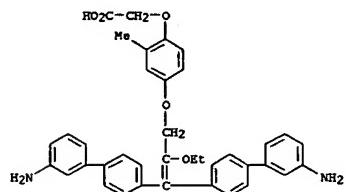
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673482-94-5 CAPLUS
 CN Acetic acid, [4-[[2-ethoxy-3,3-bis[3'-(methylthio)[1,1'-biphenyl]-4-yl]-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

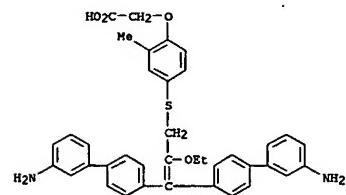


RN 673482-96-7 CAPLUS
 CN Acetic acid, [4-[[2-ethoxy-3,3-bis[3'-(amino)[1,1'-biphenyl]-4-yl]-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

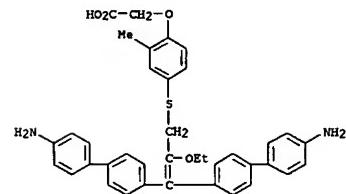


RN 673482-99-0 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[3,3-bis(3'-amino[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

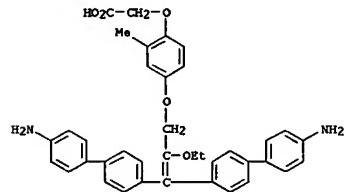


RN 673483-02-8 CAPLUS
 CN Acetic acid, [4-[[3,3-bis(4'-amino[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

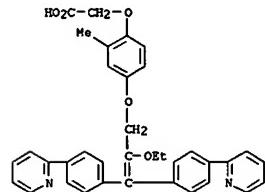


RN 673483-03-9 CAPLUS
 CN Acetic acid, [4-[[3,3-bis(4'-amino[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

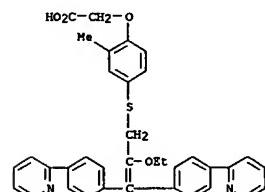
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673483-06-2 CAPLUS
 CN Acetic acid, [4-[[2-ethoxy-3,3-bis[4-(2-pyridinyl)phenyl]-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

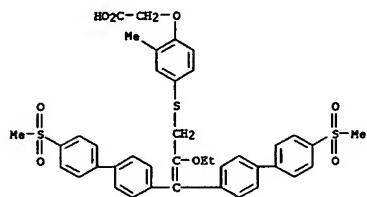


RN 673483-09-5 CAPLUS
 CN Acetic acid, [4-[[2-ethoxy-3,3-bis[4-(2-pyridinyl)phenyl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

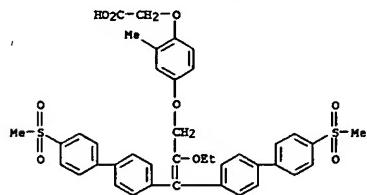


RN 673483-10-8 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[2-ethoxy-3,3-bis[4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

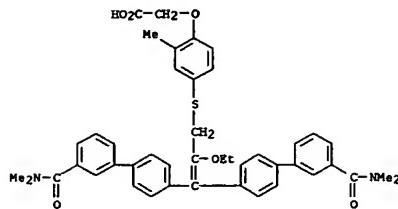


RN 673483-13-1 CAPLUS
 CN Acetic acid, [4-[2-ethoxy-3,3-bis[4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl]-2-propenyl]oxy]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

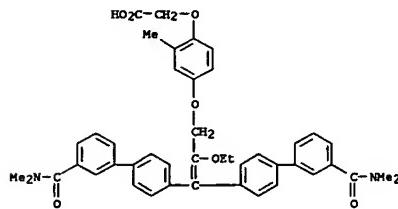


RN 673483-16-4 CAPLUS
 CN Acetic acid, [4-[3,3-bis[3'-(dimethylamino)carbonyl][1,1'-biphenyl]-4-yl]-2-ethoxy-2-propenyl]thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

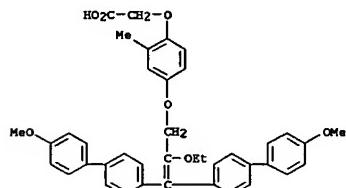
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673483-19-7 CAPLUS
 CN Acetic acid, [4-[2-ethoxy-3,3-bis[3'-(dimethylamino)carbonyl][1,1'-biphenyl]-4-yl]-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

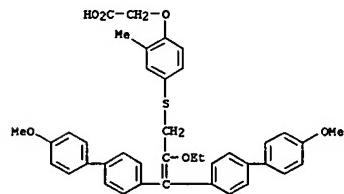


RN 673483-22-2 CAPLUS
 CN Acetic acid, [4-[2-ethoxy-3,3-bis(4'-methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

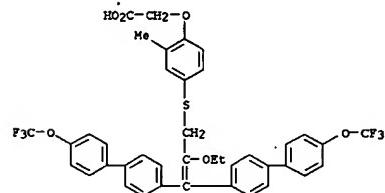


L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

RN 673483-23-3 CAPLUS
 CN Acetic acid, [4-[2-ethoxy-3,3-bis(4'-methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

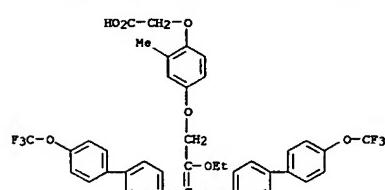


RN 673483-26-6 CAPLUS
 CN Acetic acid, [4-[2-ethoxy-3,3-bis[4'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

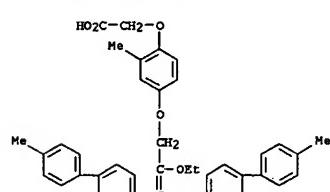


RN 673483-29-9 CAPLUS
 CN Acetic acid, [4-[2-ethoxy-3,3-bis[4'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl]-2-propenyl]oxy]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

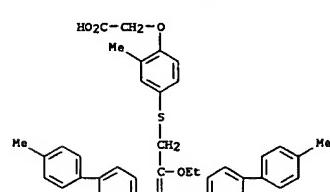
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673483-32-4 CAPLUS
 CN Acetic acid, [4-[2-ethoxy-3,3-bis(4'-methyl[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

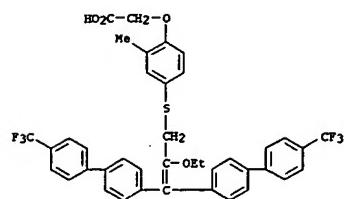


RN 673483-36-8 CAPLUS
 CN Acetic acid, [4-[2-ethoxy-3,3-bis(4'-methyl[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

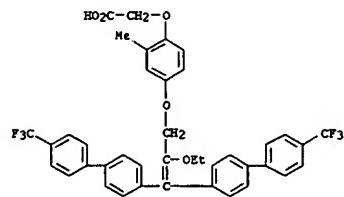


RN 673483-39-1 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[(2-ethoxy-3,3-bis(4'-trifluoromethyl)[1,1'-biphenyl]-4-y1)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

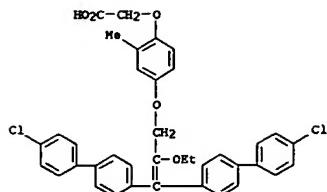


RN 673483-42-6 CAPLUS
 CN Acetic acid, [4-[(2-ethoxy-3,3-bis(4'-trifluoromethyl)[1,1'-biphenyl]-4-y1)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

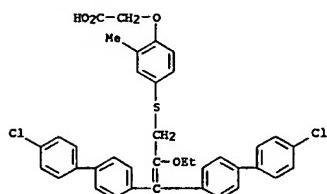


RN 673483-43-7 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4'-chloro[1,1'-biphenyl]-4-y1)-2-ethoxy-2-propenyl]oxy)-2-methylphenoxy]- (9CI) (CA INDEX NAME)

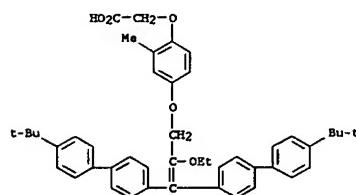
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673483-46-0 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4'-chloro[1,1'-biphenyl]-4-y1)-2-ethoxy-2-propenyl)thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

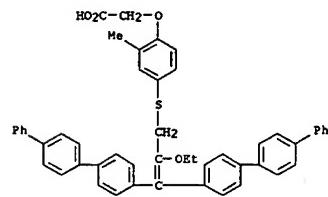


RN 673483-48-2 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4'--(1,1-dimethylethyl)[1,1'-biphenyl]-4-y1)-2-ethoxy-2-propenyl]oxy)-2-methylphenoxy]- (9CI) (CA INDEX NAME)

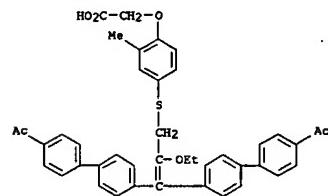


RN 673483-50-6 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[(2-ethoxy-3,3-bis((1,1':4',1''-terphenyl)-4-y1)-2-propenyl]thio)-2-methylphenoxy]- (9CI) (CA INDEX NAME)

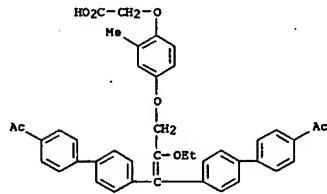


RN 673483-52-8 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4'-acetyl[1,1'-biphenyl]-4-y1)-2-ethoxy-2-propenyl]thio)-2-methylphenoxy]- (9CI) (CA INDEX NAME)

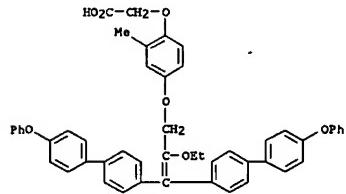


RN 673483-55-1 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4'-acetyl[1,1'-biphenyl]-4-y1)-2-ethoxy-2-propenyl]oxy)-2-methylphenoxy]- (9CI) (CA INDEX NAME)

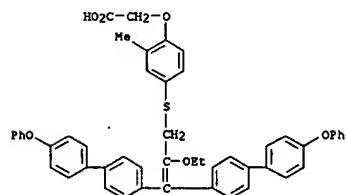
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673483-57-3 CAPLUS
 CN Acetic acid, [4-[(2-ethoxy-3,3-bis(4'-phenoxyl[1,1'-biphenyl]-4-y1)-2-propenyl]oxy)-2-methylphenoxy]- (9CI) (CA INDEX NAME)

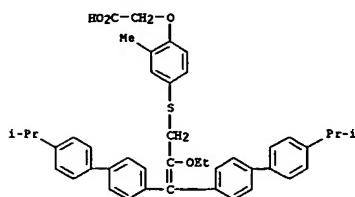


RN 673483-59-5 CAPLUS
 CN Acetic acid, [4-[(2-ethoxy-3,3-bis(4'-phenoxyl[1,1'-biphenyl]-4-y1)-2-propenyl]thio)-2-methylphenoxy]- (9CI) (CA INDEX NAME)

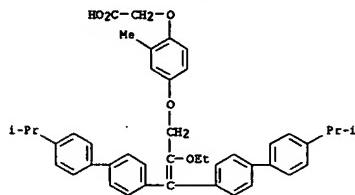


RN 673483-61-9 CAPLUS

L4 ANSWER 3 OF 3 CAPIUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[2-ethoxy-3,3-bis[4'-(1-methylethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

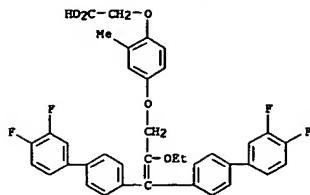


RN 673483-63-1 CAPIUS
 CN Acetic acid, [4-[[2-ethoxy-3,3-bis[4'-(1-methylethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

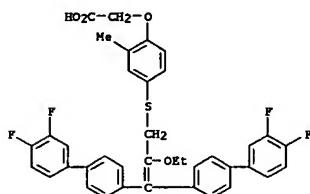


RN 673483-65-3 CAPIUS
 CN Acetic acid, [4-[[3,3-bis(3',4'-difluoro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

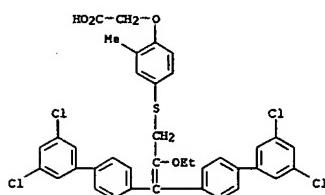
L4 ANSWER 3 OF 3 CAPIUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673483-67-5 CAPIUS
 CN Acetic acid, [4-[[3,3-bis(3',4'-difluoro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

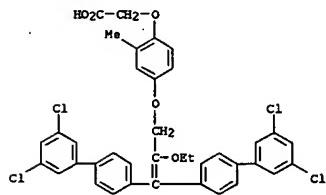


RN 673483-70-0 CAPIUS
 CN Acetic acid, [4-[[3,3-bis(3',5'-dichloro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

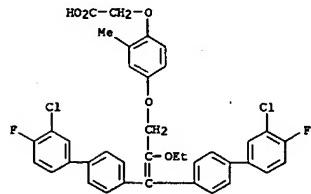


RN 673483-72-2 CAPIUS

L4 ANSWER 3 OF 3 CAPIUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[3,3-bis(3',5'-dichloro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

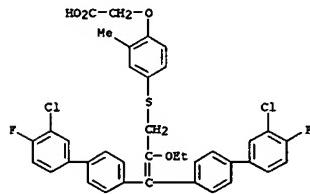


RN 673483-74-4 CAPIUS
 CN Acetic acid, [4-[[3,3-bis(3'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

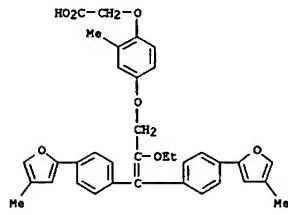


RN 673483-77-7 CAPIUS
 CN Acetic acid, [4-[[3,3-bis(3'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

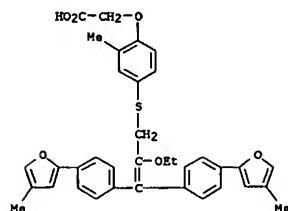
L4 ANSWER 3 OF 3 CAPIUS COPYRIGHT 2005 ACS on STN (Continued)



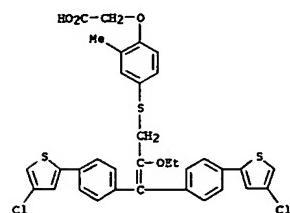
RN 673483-79-9 CAPIUS
 CN Acetic acid, [4-[[2-ethoxy-3,3-bis[4-(4-methyl-2-furanyl)phenyl]-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



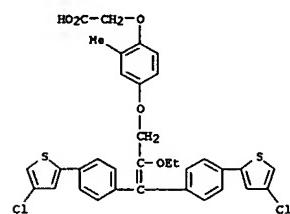
RN 673483-81-3 CAPIUS
 CN Acetic acid, [4-[[2-ethoxy-3,3-bis[4-(4-methyl-2-furanyl)phenyl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 673483-84-6 CAPLUS
 CN Acetic acid, [4-[{3,3-bis[4-(4-chloro-2-thienyl)phenyl]-2-ethoxy-2-propenyl}thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

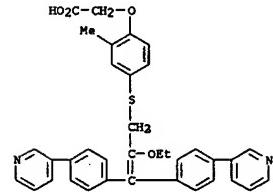


RN 673483-87-9 CAPLUS
 CN Acetic acid, [4-[{3,3-bis[4-(4-chloro-2-thienyl)phenyl]-2-ethoxy-2-propenyl}oxy]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

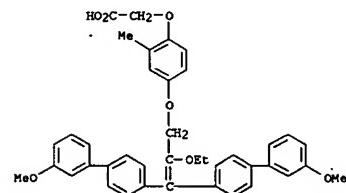


RN 673483-89-1 CAPLUS
 CN Acetic acid, [4-[{3,3-bis[4-(4-acetyl-2-thienyl)phenyl]-2-ethoxy-2-propenyl}thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

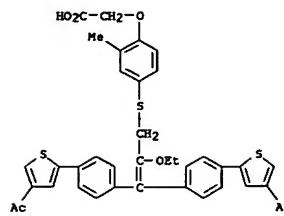
RN 673483-95-9 CAPLUS
 CN Acetic acid, [4-[{2-ethoxy-3,3-bis[4-(3-pyridinyl)phenyl]-2-propenyl}thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)



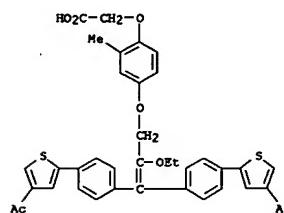
RN 673483-97-1 CAPLUS
 CN Acetic acid, [4-[{2-ethoxy-3,3-bis(3'-methoxy[1,1'-biphenyl]-4-yl)-2-propenyl}oxy]-2-methylphenoxy] - (9CI) (CA INDEX NAME)



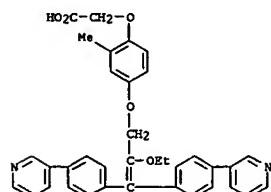
RN 673483-99-3 CAPLUS
 CN Acetic acid, [4-[{2-ethoxy-3,3-bis(3'-methoxy[1,1'-biphenyl]-4-yl)-2-propenyl}thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)



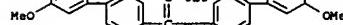
RN 673483-91-5 CAPLUS
 CN Acetic acid, [4-[{3,3-bis[4-(4-acetyl-2-thienyl)phenyl]-2-ethoxy-2-propenyl}oxy]-2-methylphenoxy] - (9CI) (CA INDEX NAME)



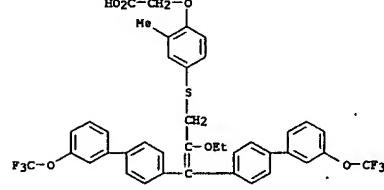
RN 673483-93-7 CAPLUS
 CN Acetic acid, [4-[{2-ethoxy-3,3-bis[4-(3-pyridinyl)phenyl]-2-propenyl}oxy]-2-methylphenoxy] - (9CI) (CA INDEX NAME)



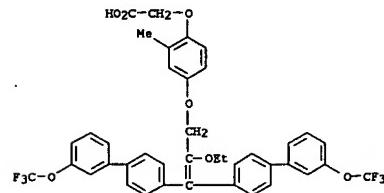
RN 673483-01-0 CAPLUS
 CN Acetic acid, [4-[{2-ethoxy-3,3-bis(3'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl)-2-propenyl}thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)



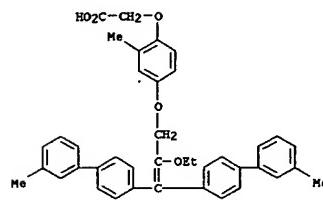
RN 673484-03-2 CAPLUS
 CN Acetic acid, [4-[{2-ethoxy-3,3-bis(3'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl)-2-propenyl}oxy]-2-methylphenoxy] - (9CI) (CA INDEX NAME)



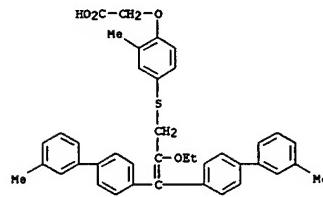
RN 673484-05-4 CAPLUS
 CN Acetic acid, [4-[{2-ethoxy-3,3-bis(3'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl)-2-propenyl}thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[{2-ethoxy-3,3-bis(3'-methyl[1,1'-biphenyl]-4-yl)-2-propenyl}oxy]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

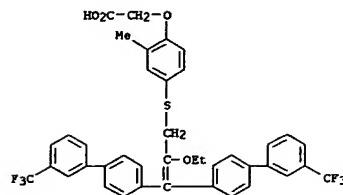


RN 673484-07-6 CAPLUS
 CN Acetic acid, [4-[{2-ethoxy-3,3-bis(3'-methyl[1,1'-biphenyl]-4-yl)-2-propenyl}thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

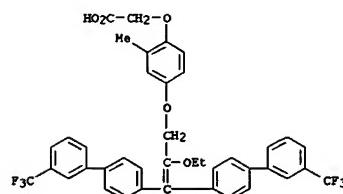


RN 673484-09-8 CAPLUS
 CN Acetic acid, [4-[{2-ethoxy-3,3-bis(3'-trifluoromethyl)[1,1'-biphenyl]-4-yl}-2-propenyl]thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

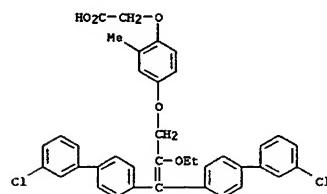
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673484-11-2 CAPLUS
 CN Acetic acid, [4-[{2-ethoxy-3,3-bis(3'-trifluoromethyl)[1,1'-biphenyl]-4-yl}-2-propenyl]oxy]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

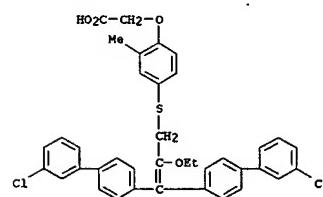


RN 673484-13-4 CAPLUS
 CN Acetic acid, [4-[{3,3-bis(3'-chloro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl}oxy]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

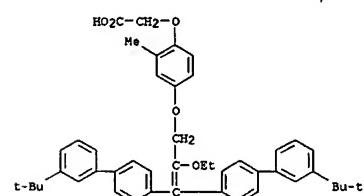


RN 673484-15-6 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[{3,3-bis(3'-chloro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl}thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

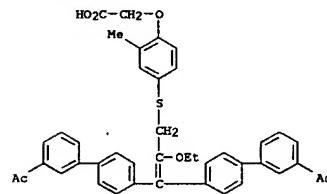


RN 673484-17-8 CAPLUS
 CN Acetic acid, [4-[{3,3-bis(3'-(1,1-dimethylethyl)[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl}oxy]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

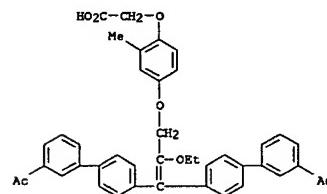


RN 673484-19-0 CAPLUS
 CN Acetic acid, [4-[{3,3-bis(3'-acetyl[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl}thio]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

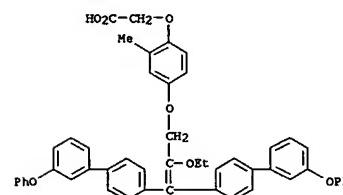
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673484-21-4 CAPLUS
 CN Acetic acid, [4-[{3,3-bis(3'-acetyl[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl}oxy]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

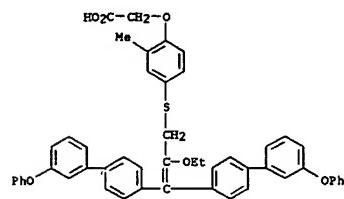


RN 673484-23-6 CAPLUS
 CN Acetic acid, [4-[{2-ethoxy-3,3-bis(3'-phenoxy[1,1'-biphenyl]-4-yl)-2-propenyl}oxy]-2-methylphenoxy] - (9CI) (CA INDEX NAME)

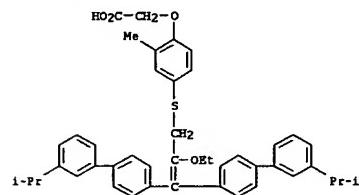


RN 673484-25-8 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[(2-ethoxy-3,3-bis(3'-phenoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio)-2-methylphenoxy]-(9CI) (CA INDEX NAME)

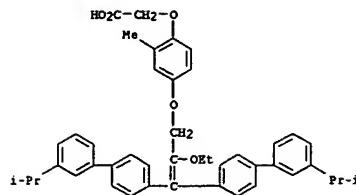


RN 673484-27-0 CAPLUS
 CN Acetic acid, [4-[(2-ethoxy-3,3-bis[3'-(1-methylethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]thio)-2-methylphenoxy]-(9CI) (CA INDEX NAME)

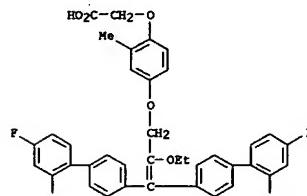


RN 673484-29-2 CAPLUS
 CN Acetic acid, [4-[(2-ethoxy-3,3-bis[3'-(1-methylethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy)-2-methylphenoxy]-(9CI) (CA INDEX NAME)

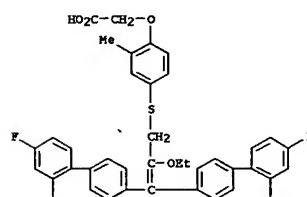
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673484-31-6 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(2',4'-difluoro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl)oxy)-2-methylphenoxy]-(9CI) (CA INDEX NAME)

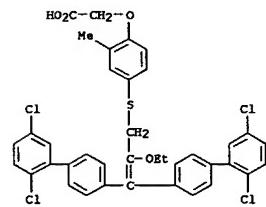


RN 673484-33-8 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(2',4'-difluoro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl)thio)-2-methylphenoxy]-(9CI) (CA INDEX NAME)

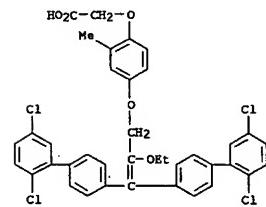


RN 673484-35-0 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[(3,3-bis(2',5'-dichloro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]thio)-2-methylphenoxy]-(9CI) (CA INDEX NAME)

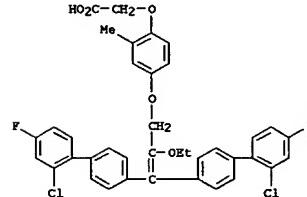


RN 673484-37-2 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(2',5'-dichloro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl)oxy)-2-methylphenoxy]-(9CI) (CA INDEX NAME)

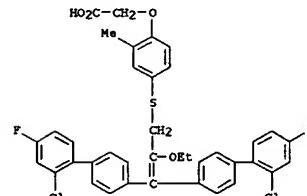


RN 673484-39-4 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(2'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl)oxy)-2-methylphenoxy]-(9CI) (CA INDEX NAME)

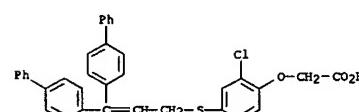
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



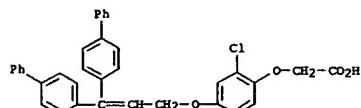
RN 673484-41-8 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(2'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl)thio)-2-methylphenoxy]-(9CI) (CA INDEX NAME)



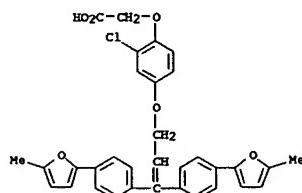
RN 673484-43-0 CAPLUS
 CN Acetic acid, [4-[(3,3-bis([1,1'-biphenyl]-4-yl)-2-propenyl)thio)-2-chlorophenoxy]-(9CI) (CA INDEX NAME)



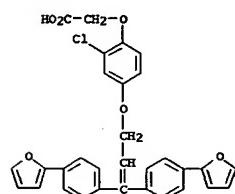
RN 673484-45-2 CAPLUS
 CN Acetic acid, [4-[(3,3-bis([1,1'-biphenyl]-4-yl)-2-propenyl)oxy)-2-chlorophenoxy]-(9CI) (CA INDEX NAME)



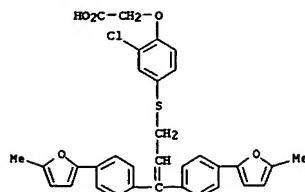
RN 673484-47-4 CAPLUS
CN Acetic acid, [4-[(3,3-bis[4-(5-methyl-2-furyl)phenyl]-2-propenyl)oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



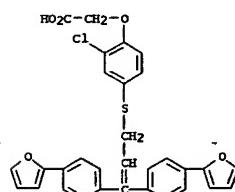
RN 673484-49-6 CAPLUS
CN Acetic acid, [4-[(3,3-bis[4-(2-furyl)phenyl]-2-propenyl)oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



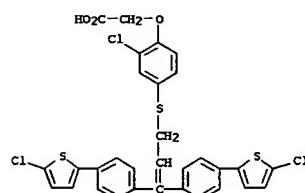
RN 673484-51-0 CAPLUS
CN Acetic acid, [4-[(3,3-bis[4-(5-methyl-2-furyl)phenyl]-2-propenyl)thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



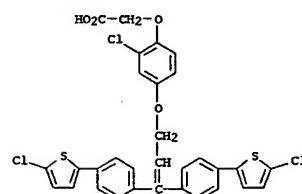
RN 673484-53-2 CAPLUS
CN Acetic acid, [4-[(3,3-bis[4-(2-furyl)phenyl]-2-propenyl)thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



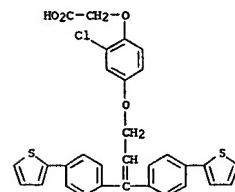
RN 673484-54-3 CAPLUS
CN Acetic acid, [4-[(3,3-bis[4-(5-chloro-2-thienyl)phenyl]-2-propenyl)thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



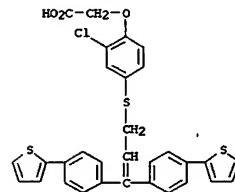
RN 673484-56-5 CAPLUS



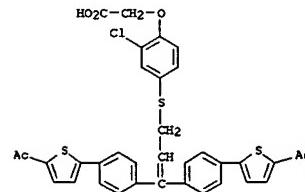
RN 673484-58-7 CAPLUS
CN Acetic acid, [4-[(3,3-bis[4-(2-thienyl)phenyl]-2-propenyl)oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



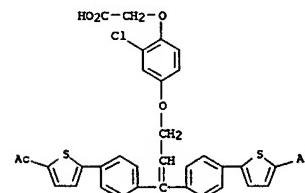
RN 673484-60-1 CAPLUS
CN Acetic acid, [4-[(3,3-bis[4-(2-thienyl)phenyl]-2-propenyl)thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



RN 673484-62-3 CAPLUS
CN Acetic acid, [4-[(3,3-bis[4-(5-acetyl-2-thienyl)phenyl]-2-propenyl)thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

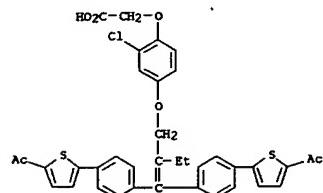


RN 673484-63-4 CAPLUS
CN Acetic acid, [4-[(3,3-bis[4-(5-acetyl-2-thienyl)phenyl]-2-propenyl)oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

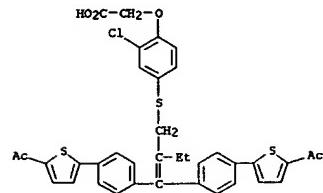


RN 673484-64-5 CAPLUS

L4 ANSWER 3 OF 3 CAPIUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[2-[bis(4-(5-acetyl-2-thienyl)phenyl)methylene]butoxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

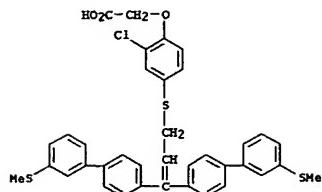


RN 673484-65-6 CAPIUS
 CN Acetic acid, [4-[2-[bis(4-(5-acetyl-2-thienyl)phenyl)methylene]butyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

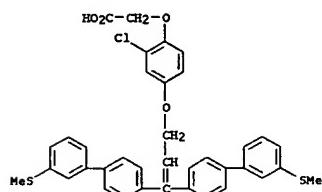


RN 673484-66-7 CAPIUS
 CN Acetic acid, [4-[[3,3-bis(3'-(methylthio)[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

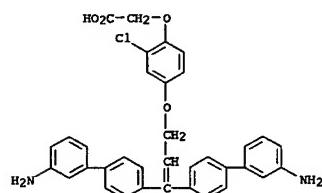
L4 ANSWER 3 OF 3 CAPIUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673484-67-8 CAPIUS
 CN Acetic acid, [4-[[3,3-bis(3'-(methylthio)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

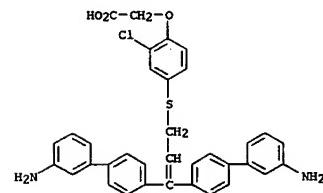


RN 673484-68-9 CAPIUS
 CN Acetic acid, [4-[[3,3-bis(3'-(amino[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

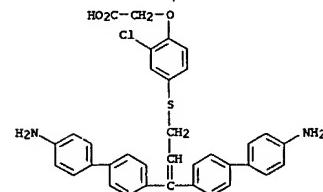


RN 673484-69-0 CAPIUS

L4 ANSWER 3 OF 3 CAPIUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[3,3-bis(3'-amino[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

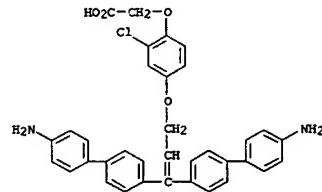


RN 673484-71-4 CAPIUS
 CN Acetic acid, [4-[[3,3-bis(4'-amino[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

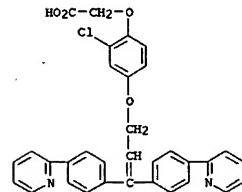


RN 673484-72-5 CAPIUS
 CN Acetic acid, [4-[[3,3-bis(4'-amino[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

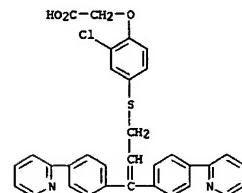
L4 ANSWER 3 OF 3 CAPIUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673484-73-6 CAPIUS
 CN Acetic acid, [4-[[3,3-bis[4-(2-pyridinyl)phenyl]-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

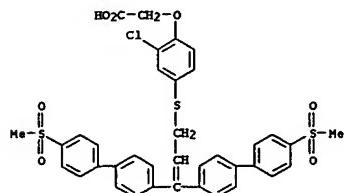


RN 673484-74-7 CAPIUS
 CN Acetic acid, [4-[[3,3-bis[4-(2-pyridinyl)phenyl]-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

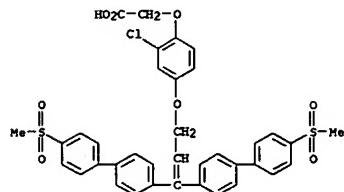


RN 673484-75-8 CAPIUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[(3,3-bis(4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl)-2-propenyl)thio]-2-chlorophenoxy] - (9CI) (CA INDEX NAME)

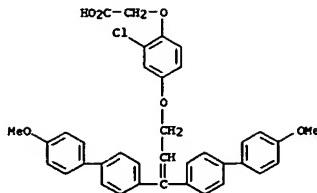


RN 673484-76-9 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl)-2-propenyl)oxy]-2-chlorophenoxy] - (9CI) (CA INDEX NAME)

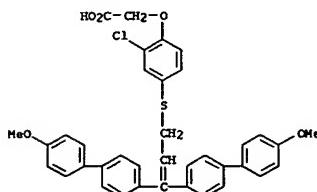


RN 673484-77-0 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4'-(methoxy[1,1'-biphenyl]-4-yl)-2-propenyl)oxy)-2-chlorophenoxy] - (9CI) (CA INDEX NAME)

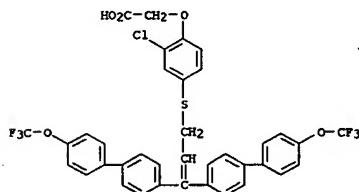
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673484-78-1 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4'-(methoxy[1,1'-biphenyl]-4-yl)-2-propenyl)thio)-2-chlorophenoxy] - (9CI) (CA INDEX NAME)

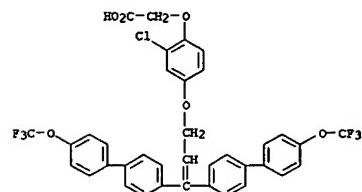


RN 673484-79-2 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl)-2-propenyl)thio]-2-chlorophenoxy] - (9CI) (CA INDEX NAME)

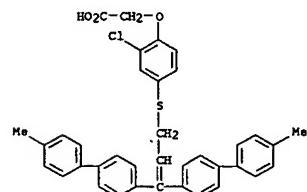


RN 673484-80-5 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[(3,3-bis(4'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl)-2-propenyl)oxy]-2-chlorophenoxy] - (9CI) (CA INDEX NAME)

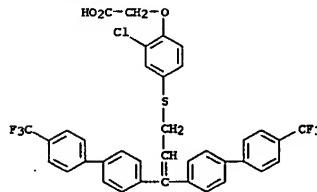


RN 673484-81-6 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4'-(methyl[1,1'-biphenyl]-4-yl)-2-propenyl)thio)-2-chlorophenoxy] - (9CI) (CA INDEX NAME)

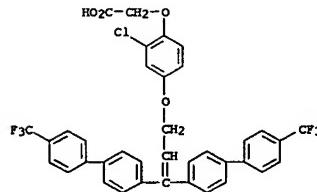


RN 673484-82-7 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl)-2-propenyl)thio]-2-chlorophenoxy] - (9CI) (CA INDEX NAME)

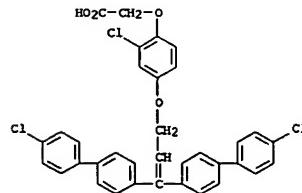
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673484-83-8 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl)-2-propenyl)oxy]-2-chlorophenoxy] - (9CI) (CA INDEX NAME)

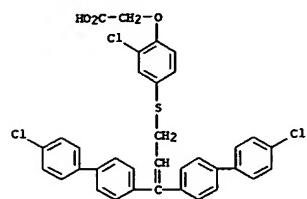


RN 673484-84-9 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4'-(chloro[1,1'-biphenyl]-4-yl)-2-propenyl)oxy)-2-chlorophenoxy] - (9CI) (CA INDEX NAME)

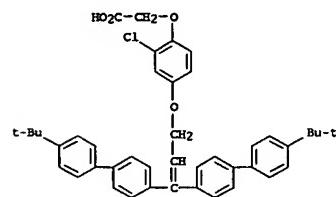


RN 673484-85-0 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[(3,3-bis(4'-chlorophenoxy)-2-propenyl)thio]-2-chlorophenoxy] - (9CI) (CA INDEX NAME)

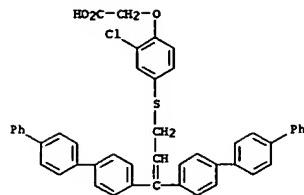


RN 673484-86-1 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4'-1,1-dimethylethyl)[1,1'-biphenyl]-4-y1)-2-propenyl]oxy]-2-chlorophenoxy] - (9CI) (CA INDEX NAME)

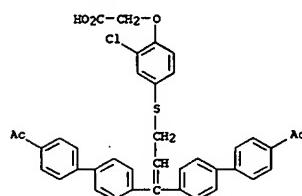


RN 673484-87-2 CAPLUS
 CN Acetic acid, [4-[(3,3-bis((1,1':4',1'''-terphenyl)-4-y1)-2-propenyl]thio)-2-chlorophenoxy] - (9CI) (CA INDEX NAME)

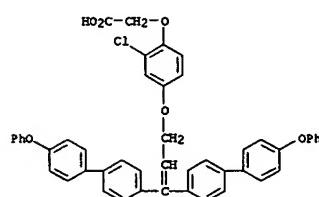
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673484-88-3 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4'-acetyl[1,1'-biphenyl]-4-y1)-2-propenyl]thio)-2-chlorophenoxy] - (9CI) (CA INDEX NAME)

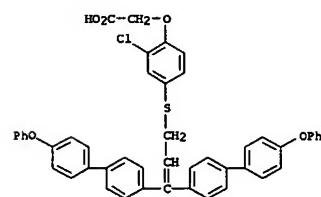


RN 673484-89-4 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4'-phenoxy[1,1'-biphenyl]-4-y1)-2-propenyl]oxy)-2-chlorophenoxy] - (9CI) (CA INDEX NAME)

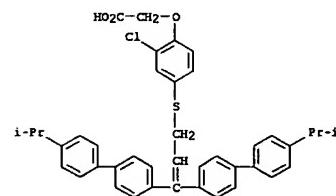


RN 673484-90-7 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[(3,3-bis(4'-phenoxy[1,1'-biphenyl]-4-y1)-2-propenyl]thio)-2-chlorophenoxy] - (9CI) (CA INDEX NAME)

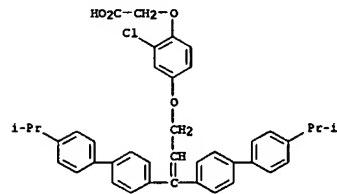


RN 673484-91-8 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4'-1-methylethyl)[1,1'-biphenyl]-4-y1)-2-propenyl]thio]-2-chlorophenoxy] - (9CI) (CA INDEX NAME)

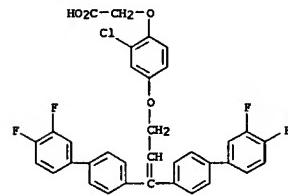


RN 673484-92-9 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4'-1-methylethyl)[1,1'-biphenyl]-4-y1)-2-propenyl]oxy)-2-chlorophenoxy] - (9CI) (CA INDEX NAME)

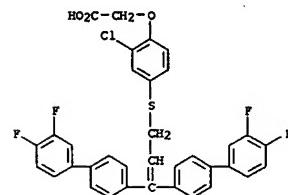
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673484-93-0 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(3',4'-difluoro[1,1'-biphenyl]-4-y1)-2-propenyl]oxy)-2-chlorophenoxy] - (9CI) (CA INDEX NAME)

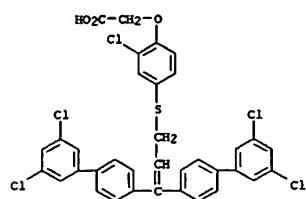


RN 673484-94-1 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(3',4'-difluoro[1,1'-biphenyl]-4-y1)-2-propenyl]thio)-2-chlorophenoxy] - (9CI) (CA INDEX NAME)

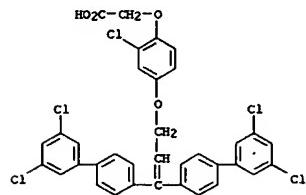


RN 673484-96-3 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[(3,3-bis(3',5'-dichloro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

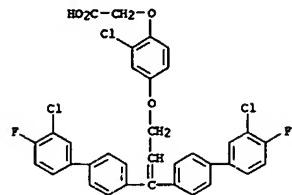


RN 673484-97-4 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(3',5'-dichloro[1,1'-biphenyl]-4-yl)-2-propenyl]oxy)-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

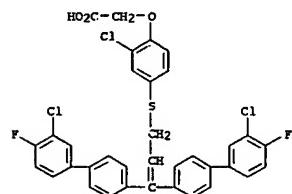


RN 673484-98-5 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(3'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-propenyl]oxy)-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

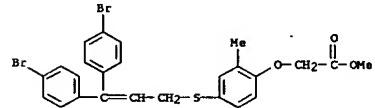


RN 673484-99-6 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(3'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-propenyl]thio)-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

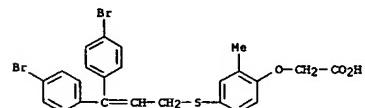


IT 673479-08-8P, [4-[(3,3-Bis(4-bromophenyl)allyl)sulfanyl]-2-methylphenoxy]acetic acid methyl ester 673479-09-9P,
 [4-[(3,3-Bis(4-bromophenyl)allyl)sulfanyl]-2-methylphenoxy]acetic acid 673479-20-4P, [4-[(3,3-Bis(4-pyridin-3-yl)phenyl)allyl)sulfanyl]-2-trifluoromethylphenoxy]acetic acid ethyl ester
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (Intermediate) preparation of di(hetero)arylvinylic carboxylic acids as PPAR δ agonists for treatment of diabetes and related conditions
 RN 673479-08-8 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4-bromophenyl)-2-propenyl)thio]-2-methylphenoxy]-, methyl ester (9CI) (CA INDEX NAME)

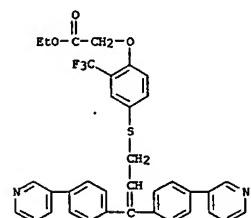
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673479-09-9 CAPLUS
 CN Acetic acid, [4-[(3,3-bis(4-bromophenyl)-2-propenyl)thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 673479-20-4 CAPLUS
 CN Acetic acid, [4-[(3,3-bis[4-(3-pyridinyl)phenyl]-2-propenyl)thio]-2-(trifluoromethyl)phenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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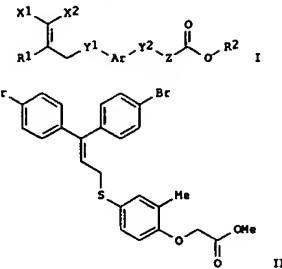
DOCUMENT NUMBER: 140:374984

TITLE: Preparation of [[(diarylallyl)sulfanyl]phenoxy]acetic acids and esters as PPAR activators for treatment of diabetes and related conditions
INVENTOR(S): Jeppesen, Lone; Mogensen, John Patrick; Pettersson, Ingrid; Sauerberg, Per; Pihera, Pavel; Havranek, Miroslav
PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037776	A2	20040506	WO 2003-DK722	20031027
WO 2004037776	A3	20040610		
V: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, HL, HR, NE, SN, TD, TG	US 2005070583 A1 20050331 US 2003-693161 20031024			
CA 2503280	AA	20040506	CA 2003-2503280	20031027
EP 1558572	A2	20050803	EP 2003-757741	20031027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK	DK 2002-1631 A 20021028			
PRIORITY APPLN. INFO.:	DK 2003-793 A 20030526			
DK 2002-423467P P 20021104				
WO 2003-DK722 W 20031027				

OTHER SOURCE(S): MARPAT 140:374984

GI



AB Title compds. I [wherein X1 and X2 = independently (un)substituted (hetero)aryl; Ar = (un)substituted arylene; Y1 and Y2 independently O or S; Z = $(\text{CH}_2)_n$; n = 1-3; R1 = H, halo, or optionally halo-substituted (cyclo)alkyl, alkenyl, alkynyl, (hetero)aralkyl, (cyclo)alkoxy, aryloxy, (hetero)aralkoxy, (cyclo)alkylthio, or arylthio; R2 = H, (cyclo)alkyl, alkenyl, alkynyl, alkenynyl, or aryl; or pharmaceutically acceptable salts, solvates, tautomeric forms, stereoisomers, mixts. of stereoisomers, or polymorphs thereof] were prepared as peroxisome proliferator activated receptors (PPAR) activators (no data). Thus, I and their pharmaceutical compns. are useful for the treatment and/or prevention of conditions mediated by PPAR, particularly subtype PPAR δ , such as diabetes, impaired glucose tolerance, insulin resistance, obesity, dyslipidemia, syndrome X, cardiovascular disease, and hypercholesterolemia (no data). For example, coupling of 4,4'-dibromobiphenophenone with tri-Et phosphonoacetate in toluene and THF using NaH provided Et 3,3-bis(4-bromophenyl)acrylate (73%). Reduction of the ester to the alc. (76) using DIBAL-H in THF and toluene, followed by reaction with (4-mercapto-2-methylphenoxy)acetic acid Me ester in the presence of ADDP and tributylphosphine in THF gave II (88%).

ACCESSION NUMBER: 2004:370891 CAPLUS

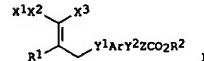
DOCUMENT NUMBER: 140:391127

TITLE: Preparation of biphenylallylsulfanylphenoxycetates and related compounds for treating peroxisome proliferator activated receptor (PPAR) mediated diseases
INVENTOR(S): Jeppesen, Lone; Pettersson, Ingrid; Sauerberg, Per; Pihera, Pavel; Havranek, Miroslav
PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
SOURCE: PCT Int. Appl., 69 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037775	A1	20040506	WO 2003-DK723	20031027
V: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, HL, HR, NE, SN, TD, TG	US 2005080115 A1 20050414 US 2003-692561 20031024			
CA 2503276	AA	20040506	CA 2003-2503276	20031027
EP 1558571	A1	20050803	EP 2003-757742	20031027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK	DK 2002-1629 A 20021028			
PRIORITY APPLN. INFO.:	US 2002-423644P P 20021104			
WO 2003-DK723 W 20031027				

OTHER SOURCE(S): MARPAT 140:391127

GI



AB Title compds. [I; X1, X3 = (substituted) aryl, heteroaryl; X2, Ar = (substituted) aryl, arylene; Y1, Y2 = O, S; Z = $(\text{CH}_2)_n$; n = 1-3; R1 = H, halo, (substituted) alkyl, cycloalkyl, alkenyl, alkynyl, aralkyl, heteroaralkyl, alkoxy, cycloalkoxy, alkylthio, etc.; R2 = H, alkyl, cycloalkyl, alkenyl, alkynyl, aryl, etc.], were prepared for treatment of PPAR mediated disease (no data). Thus, [4-(3,3-bis(4-bromophenyl)allylsulfanyl)-2-methylphenoxy]acetic acid (preparation given), Pb(OH)₂, KF, Pd2(dba)₃, and Pd[P(tBu)₃]₂ were stirred in THF to give [4-(3-biphenyl-4-yl-3-(4-bromophenyl)allylsulfanyl)phenoxy]acetic acid.

ACCESSION NUMBER: 2004:220310 CAPLUS

DOCUMENT NUMBER: 140:270625

TITLE: Preparation of [[(bis(biphenyl)allyl)oxy]phenoxy]acetic acids and analogs as PPAR δ agonists for treatment of diabetes and related conditions
INVENTOR(S): Jeppesen, Lone; Mogensen, John Patrick; Pettersson, Ingrid; Sauerberg, Per
PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
SOURCE: PCT Int. Appl., 78 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004022533	A1	20040318	WO 2003-DK578	20030904
V: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, HL, HR, NE, SN, TD, TG	CA 2499380 AA 20040318 CA 2003-2499380 20030904			
CA 2499380	AA	20040318	CA 2003-2499380	20030904
US 2004143006	A1	20040722	US 2003-654699 20030904	20030904
EP 1537076	A1	20050608	EP 2003-793609 20030904	20030904
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK	DK 2002-1301 A 20020905			
PRIORITY APPLN. INFO.:	DK 2003-784 A 20030523			
DK 2002-423644P P 20020911	US 2002-409814P P 20020911			
WO 2003-DK578 W 20030904	GI			

OTHER SOURCE(S): MARPAT 140:270625

GI

10/69376 (b) 8/13/05

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FILE 'REGISTRY' ENTERED AT 17:12:41 ON 13 AUG 2005
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DICTIONARY FILE UPDATES: 12 AUG 2005 HIGHEST RN 860111-75-7

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TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

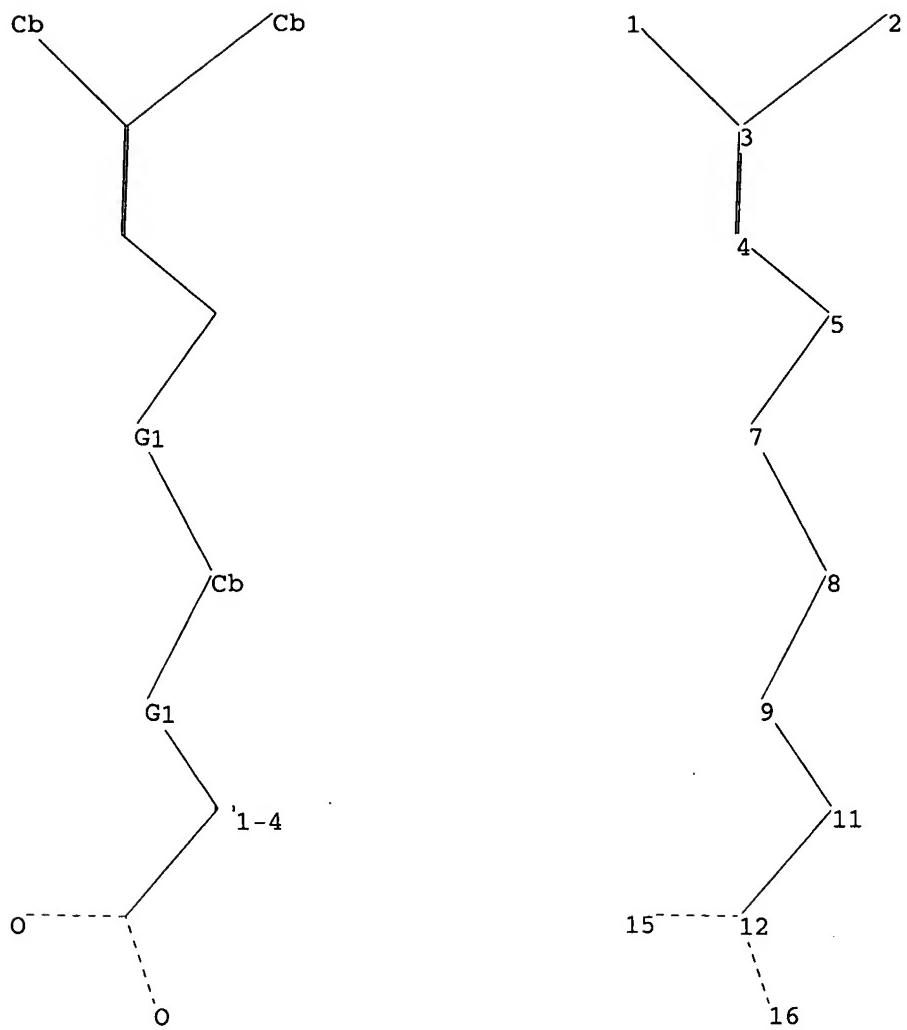
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*****
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005. A new display format, IDERL, is now      *
* available and contains the CA role and document type information. *
*****
```

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

```
=> Uploading C:\Program Files\Stnexp\Queries\10693161\10693161b.str
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chain nodes :
1 2 3 4 5 7 8 9 11 12 15 16
chain bonds :
1-3 2-3 3-4 4-5 5-7 7-8 8-9 9-11 11-12 12-15 12-16
exact/norm bonds :
5-7 7-8 8-9 9-11 12-15 12-16
exact bonds :
1-3 2-3 3-4 4-5 11-12

```

G1:O,S

```

Match level :
1:Atom 2:Atom 3:CLASS 4:CLASS 5:CLASS 7:CLASS 8:Atom 9:CLASS 11:CLASS
12:CLASS 15:CLASS 16:CLASS

```

L1 STRUCTURE UPLOADED

```

=> d
L1 HAS NO ANSWERS
L1 STR

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* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s L1

SAMPLE SEARCH INITIATED 17:13:10 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 53506 TO ITERATE

3.7% PROCESSED 2000 ITERATIONS 2 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 632

L2 2 SEA SSS SAM L1

=> s L1 full
FULL SEARCH INITIATED 17:13:18 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - >1,000,000 TO ITERATE

< 93.6% PROCESSED 1000000 ITERATIONS 505 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.15

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 505

L3 505 SEA SSS FUL L1

=> fil caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
FULL ESTIMATED COST ENTRY SESSION
161.76 161.97

FILE 'CAPLUS' ENTERED AT 17:13:39 ON 13 AUG 2005
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FILE COVERS 1907 - 13 Aug 2005 VOL 143 ISS 8
FILE LAST UPDATED: 12 Aug 2005 (20050812/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s L3

L4 3 L3

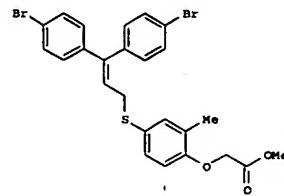
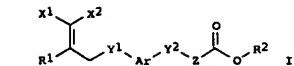
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L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:370892 CAPLUS
 DOCUMENT NUMBER: 140:374984
 TITLE: Preparation of [(diaryllallyl)sulfanyl]phenoxy)acetic acids and esters as PPAR activators for treatment of diabetes and related conditions
 INVENTOR(S): Jeppesen, Lone; Mogensen, John Patrick; Pettersson, Ingrid; Sauerberg, Per; Pihera, Pavel; Havranek, Miroslav
 PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
 SOURCE: PCT Int. Appl., 124 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037776	A2	20040506	WO 2003-DK722	20031027
WO 2004037776	A3	20040610		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NJ, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SV, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UC, ZH, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TU, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BP, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005070183	A1	20050321	US 2003-693161	20031024
CA 2503280	AA	20040506	CA 2003-2503280	20031027
EP 1558572	A2	20050803	EP 2003-757741	20031027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.: DK 2002-1631	A	20021028		
	DK 2003-793	A 20030526		
	US 2002-423467P	P 20021104		
	WO 2003-DK722	W 20031027		

OTHER SOURCE(S): MARPAT 140:374984
 GI

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



AB Title compds. I (wherein X1 and X2 = independently (un)substituted (hetero)aryl; Ar = (un)substituted arylene; Y1 and Y2 = independently O or

S; Z = (CH₂)_n; n = 1-3; R1 = H, halo, or optionally halo-substituted (cyclo)alkyl, alkenyl, alkynyl, (hetero)aralkyl, (cyclo)alkoxy, aryloxy, (hetero)aralkoxy, (cyclo)alkylthio, or arylthio; R2 = H, (cyclo)alkyl, alkenyl, alkynyl, alkenylnyl, or aryl; or pharmaceutically acceptable salts, solvates, tautomeric forms, stereoisomers, mixts. of

stereoisomers, or polymorphs thereof) were prepared as peroxisome proliferator activated receptors (PPAR) activators (no data). Thus, I and their pharmaceutical compns. are useful for the treatment and/or prevention of conditions mediated by PPAR, particularly subtype PPAR₀, such as diabetes, impaired glucose tolerance, insulin resistance, obesity, dyslipidemia, syndrome X, cardiovascular disease, and hypercholesterolemia (no data).

For example, coupling of 4,4'-dibromobenzophenone with tri-Et phosphonacetate

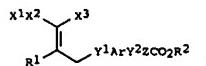
in toluene and THF using NaH provided Et 3,3-bis(4-bromophenyl)acrylate (73%). Reduction of the ester to the alc. (76%) using DIBAL-H in THF and toluene, followed by reaction with (4-mercaptop-2-methylphenoxy)acetic acid

Me ester in the presence of ADDP and tributylphosphine in THF gave II (88%).

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:370891 CAPLUS
 DOCUMENT NUMBER: 140:391127
 TITLE: Preparation of biphenylallylsulfanylphenoxyacetates and related compounds for treating peroxisome proliferator activated receptor (PPAR) mediated diseases
 INVENTOR(S): Jeppesen, Lone; Pettersson, Ingrid; Sauerberg, Per; Pihera, Pavel; Havranek, Miroslav
 PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
 SOURCE: PCT Int. Appl., 69 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037775	A1	20040506	WO 2003-DK723	20031027
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NJ, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SV, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UC, ZH, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TU, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BP, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005080115	A1	20050414	US 2003-692561	20031024
CA 2503276	AA	20040506	CA 2003-2503276	20031027
EP 1558571	A1	20050803	EP 2003-757742	20031027
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PRIORITY APPLN. INFO.: DK 2002-1629	A	20021028		
	US 2002-423644P	P 20021104		
	WO 2003-DK723	W 20031027		

OTHER SOURCE(S): MARPAT 140:391127
 GI



AB Title compds. I (X1, X2, X3 = (substituted) aryl, heteroaryl; X2, Ar = (substituted) aryl, arylene; Y1, Y2 = O, S; Z = (CH₂)_n; n = 1-3; R1 = H, halo, (substituted) alkyl, cycloalkyl, alkenyl, alkynyl, aralkyl, heteroaralkyl, alkoxy, cycloalkoxy, alkylthio, etc.; R2 = H, alkyl, cycloalkyl, alkenyl, alkynyl, aryl, etc.) were prepared for treatment of PPAR mediated disease (no data). Thus, (4-[3,3-bis(4-bromophenyl)allylsulfanyl]-2-methylphenoxy)acetic acid (preparation given),

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 PhB(OH)2, KF, Pd2(dba)3, and Pd(P(tBu)3)2 were stirred in THF to give 4-(3-biphenyl-4-yl-3-(4-bromophenyl)allylsulfanyl)phenoxy)acetic acid.

DOCUMENT NUMBER: 140:270625

TITLE: Preparation of

$\{[(\text{bis}(\text{biphenyl})\text{allyl})\text{oxy}]\text{phenoxy}\}\text{ace}$
 tic acids and analogs as PPAR δ agonists for
 treatment of diabetes and related conditions

INVENTOR(S): Jeppesen, Lone; Mogensen, John Patrick; Pettersson,
 Ingrid; Sauerberg, Per

Novo Nordisk A/S, Den.

PATENT ASSIGNEE(S): PCT Int. Appl., 78 pp.

CODEN: PIXXD2

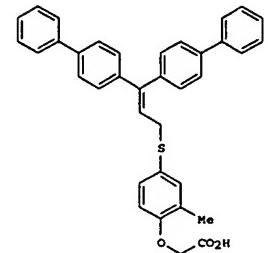
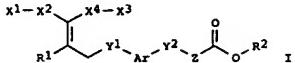
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 200402533	A1	20040318	WO 2003-DK578	20030904
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CA 2499380	AA	20040318	CA 2003-2499380	20030904
US 2004143006	A1	20040722	US 2003-654699	20030904
EP 1537076	A1	20050608	EP 2003-793608	20030904
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK	DK 2002-1301	A	20020905	
PRIORITY APPLN. INFO.:				
		DK 2003-784	A	20030523
OTHER SOURCE(S):	MARPAT	140:270625	US 2002-409814P	P 20020911
G1			WO 2003-DK578	W 20030904



AB Title vinyl carboxylic acid derive. I [wherein X1 and X3 = independently (un)substituted (heteroaryl); X2 and X4 = independently (un)substituted (hetero)arylene; Ar = (un)substituted arylene; Y1 and Y2 = independently

O or S; Z = (CH2)n; n = 1-3; R1 = H, halo, or (un)substituted (cyclo)alkyl, alkenyl, alkynyl, (hetero)arylalkyl, (cyclo)alkoxy, aryloxy, (hetero)aralkoxy, (cyclo)alkylthio, arylthio; R2 = H, (cyclo)alkyl, alkenyl, alkynyl, or aryl; or pharmaceutically acceptable salts,

solvates, tautomers, stereoisomers, or polymorphs thereof] were prepared as peroxisome

proliferator-activated receptor δ (PPAR δ) agonists (no data). For example, 4,4'-dibromobenzophenone was coupled with tri-Et

phosphonoacetate in the presence of NaH in toluene to give Et 3,3-bis(4-bromophenyl)acrylate (73%). Reduction using DBAL-H in THF

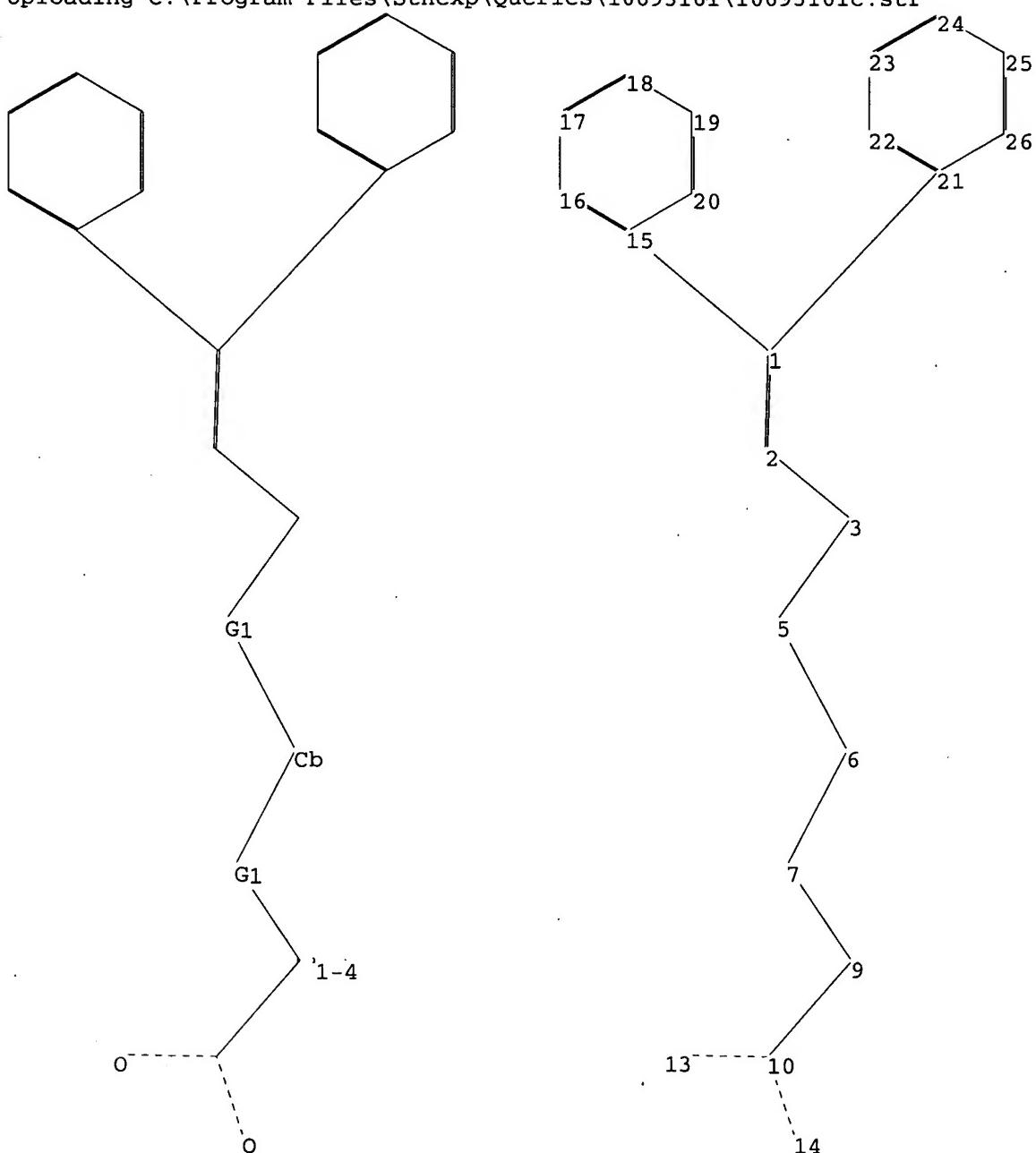
(76%), followed by ADDP-catalyzed condensation with (4-mercaptop-2-methylphenoxy)acetic acid Me ester in THF (88%) afforded (4-[3,3-bis(4-bromophenyl)allylsulfanyl]-2-methylphenoxy)acetic acid Me ester. Saponification (93%) and substitution with phenylboronic acid using KF,

Pd2(dba)3, and Pd(P(t-Bu)3)2 in THF (53%) provided II. Also disclosed is the use of I and their pharmaceutical compns. for the treatment of PPAR δ -mediated conditions, such as diabetes, impaired glucose tolerance, insulin resistance, or obesity (no data).

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>

Uploading C:\Program Files\Stnexp\Queries\10693161\10693161c.str



chain nodes :

1 2 3 5 6 7 9 10 13 14

ring nodes :

15 16 17 18 19 20 21 22 23 24 25 26

chain bonds :

1-2 1-15 1-21 2-3 3-5 5-6 6-7 7-9 9-10 10-13 10-14

ring bonds :

15-16 15-20 16-17 17-18 18-19 19-20 21-22 21-26 22-23 23-24 24-25 25-26

exact/norm bonds :

3-5 5-6 6-7 7-9 10-13 10-14

exact bonds :

1-2 1-15 1-21 2-3 9-10
normalized bonds :
15-16 15-20 16-17 17-18 18-19 19-20 21-22 21-26 22-23 23-24 24-25 25-26

G1:O,S

Match level :

1:CLASS 2:CLASS 3:CLASS 5:CLASS 6:Atom 7:CLASS 9:CLASS 10:CLASS 13:CLASS
14:CLASS 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom
23:Atom 24:Atom 25:Atom 26:Atom

L5 STRUCTURE UPLOADED

=> fil reg
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 9.75 171.72

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL
ENTRY SESSION
CA SUBSCRIBER PRICE -2.19 -2.19

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STRUCTURE FILE UPDATES: 12 AUG 2005 HIGHEST RN 860111-75-7
DICTIONARY FILE UPDATES: 12 AUG 2005 HIGHEST RN 860111-75-7

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TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

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conducting SmartSELECT searches.

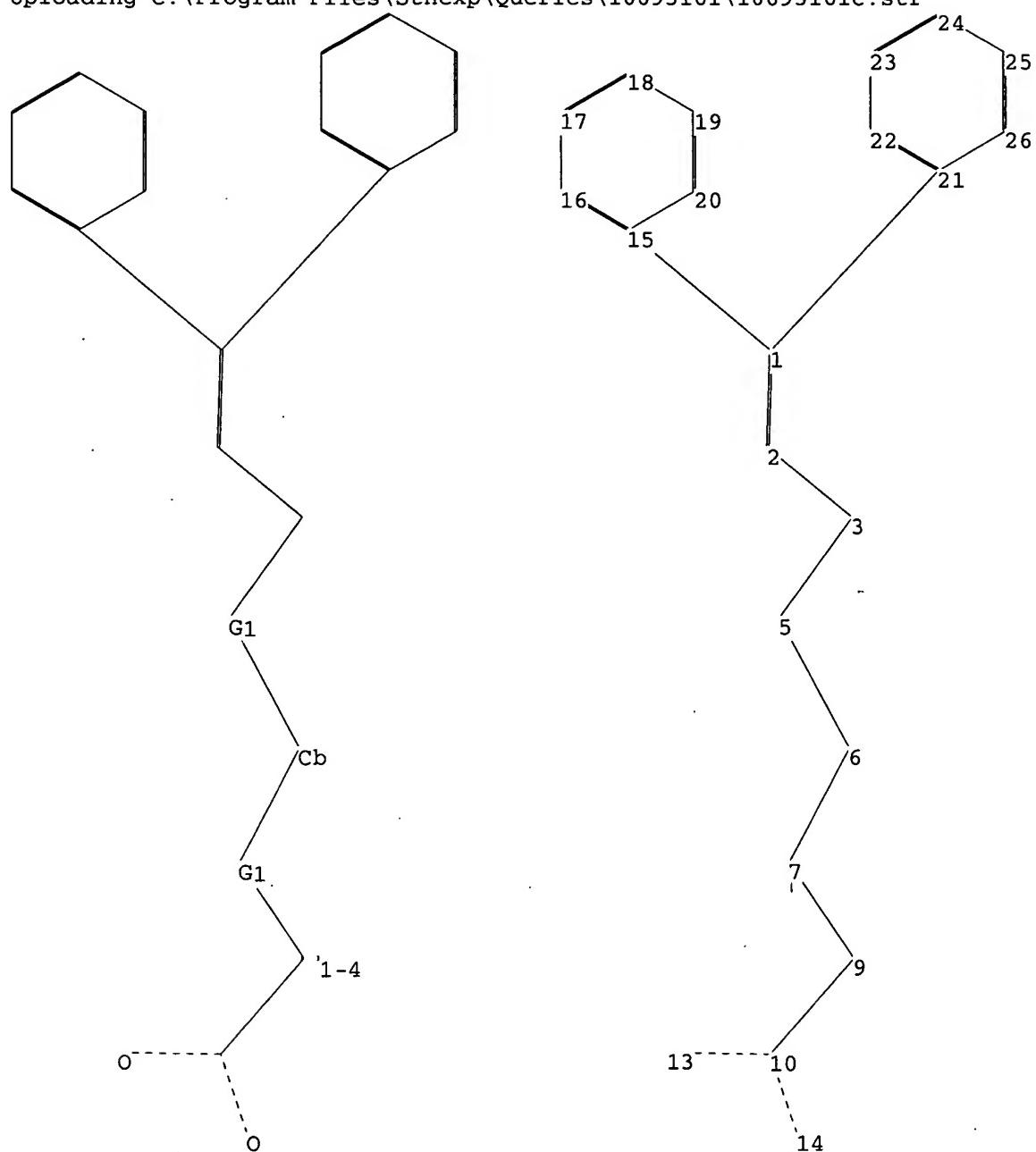
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS
for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

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chain nodes :

1 2 3 5 6 7 9 10 13 14

ring nodes :

15 16 17 18 19 20 21 22 23 24 25 26

chain bonds :

1-2 1-15 1-21 2-3 3-5 5-6 6-7 7-9 9-10 10-13 10-14

ring bonds :

15-16 15-20 16-17 17-18 18-19 19-20 21-22 21-26 22-23 23-24 24-25 25-26

exact/norm bonds :

3-5 5-6 6-7 7-9 10-13 10-14

exact bonds :
1-2 1-15 1-21 2-3 9-10
normalized bonds :
15-16 15-20 16-17 17-18 18-19 19-20 21-22 21-26 22-23 23-24 24-25 25-26

G1:O,S

Match level :
1:CLASS 2:CLASS 3:CLASS 5:CLASS 6:Atom 7:CLASS 9:CLASS 10:CLASS 13:CLASS
14:CLASS 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom
23:Atom 24:Atom 25:Atom 26:Atom

L6 STRUCTURE UPLOADED

=> d
L6 HAS NO ANSWERS
L6 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s L6
SAMPLE SEARCH INITIATED 17:16:24 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 158 TO ITERATE

100.0% PROCESSED 158 ITERATIONS 25 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2406 TO 3914
PROJECTED ANSWERS: 200 TO 800

L7 25 SEA SSS SAM L6

=> s L6 full
FULL SEARCH INITIATED 17:16:31 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 3372 TO ITERATE

100.0% PROCESSED 3372 ITERATIONS 505 ANSWERS
SEARCH TIME: 00.00.01

L8 505 SEA SSS FUL L6

=> fil caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 161.33 333.05
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL
ENTRY SESSION
CA SUBSCRIBER PRICE 0.00 -2.19

FILE 'CAPPLUS' ENTERED AT 17:16:37 ON 13 AUG 2005

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FILE COVERS 1907 - 13 Aug 2005 VOL 143 ISS 8
FILE LAST UPDATED: 12 Aug 2005 (20050812/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L9          3 L8
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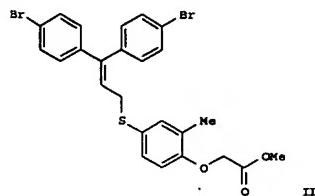
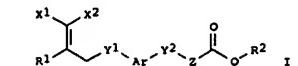
L9 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:370892 CAPLUS
 DOCUMENT NUMBER: 140:374984

TITLE: Preparation of [(diarylethyl)sulfanyl]phenoxy)acetic acids and esters as PPAR activators for treatment of diabetes and related conditions
 INVENTOR(S): Jeppesen, Lone; Mogensen, John Patrick; Pettersson, Ingrid; Sauerberg, Per; Plhera, Pavel; Havranek, Miroslav
 PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
 SOURCE: PCT Int. Appl., 124 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037776	A2	20040506	WO 2003-DK722	20031027
WO 2004037776	A3	20040510		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
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	WO 2003-DK722	W	20031027	

OTHER SOURCE(S): MARPAT 140:374984
 GI

L9 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



AB Title compds. I [wherein X1 and X2 = independently (un)substituted (hetero)aryl; Ar = (un)substituted arylene; Y1 and Y2 = independently O or

S; Z = (CH2)n; n = 1-3; R1 = H, halo, or optionally halo-substituted (cyclo)alkyl, alkenyl, alkynyl, (hetero)aralkyl, (cyclo)alkoxy, aryloxy, (hetero)aralkoxy, (cyclo)alkylthio, or arylthio; R2 = H, (cyclo)alkyl, alkenyl, alkynyl, alkynyl, or aryl; or pharmaceutically acceptable salts, solvates, tautomeric forms, stereoisomers, mixts. of

stereopolymers, or polymorphs thereof] were prepared as peroxisome proliferator activated receptors (PPAR) activators (no data). Thus, I and their pharmaceutical compns. are useful for the treatment and/or prevention of conditions mediated by PPAR, particularly subtype PPAR δ , such as diabetes, impaired glucose tolerance, insulin resistance, obesity, dyslipidemia, syndrome X, cardiovascular disease, and hypercholesterolemia (no data).

For example, coupling of 4,4'-dibromobenzophenone with tri-Et phosphonoacetate

In toluene and THF using NaH provided Et 3,3-bis(4-bromophenyl)acrylate (73%). Reduction of the ester to the alc. (76%) using DIBAL-H in THF and toluene, followed by reaction with (4-mercaptop-2-methylphenoxy)acetic acid

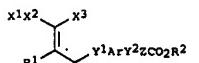
Me ester in the presence of ADDP and tributylphosphine in THF gave II (88%).

L9 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:370891 CAPLUS
 DOCUMENT NUMBER: 140:391127

TITLE: Preparation of biphenylallylsulfanylphenoxyacetates and related compounds for treating peroxisome proliferator activated receptor (PPAR) mediated diseases
 INVENTOR(S): Jeppesen, Lone; Pettersson, Ingrid; Sauerberg, Per; Plhera, Pavel; Havranek, Miroslav
 PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
 SOURCE: PCT Int. Appl., 69 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037775	A1	20040506	WO 2003-DK723	20031027
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	WO 2003-DK723	W	20031027	

OTHER SOURCE(S): MARPAT 140:391127
 GI



L9 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 PhB(OH)2, KF, Pd2(dba)3, and Pd(P(tBu)3)2 were stirred in THF to give [4-(3-biphenyl-4-yl-3-(4-bromophenyl)allylsulfanyl)phenoxy]acetic acid.

AB Title compds. I [wherein X1, X2 = (substituted) aryl, heteroaryl; X2, Ar = (substituted) aryl, arylene; Y1, Y2 = O, S; Z = (CH2)n; n = 1-3; R1 = H, halo, (substituted) alkyl, cycloalkyl, alkenyl, alkynyl, aralkyl, heteroaralkyl, alkoxy, cycloalkoxy, alkylthio, etc.; R2 = H, alkyl, cycloalkyl, alkenyl, alkynyl, aryl, etc.] were prepared for treatment of PPAR mediated disease (no data). Thus, [4-(3-bis(4-bromophenyl)allylsulfanyl)-2-methylphenoxy]acetic acid (preparation given),

[(1-bis(biphenyl)allyl)oxy]phenoxy]acetic acids and analogs as PPAR δ agonists for treatment of diabetes and related conditions

INVENTOR(S): Jeppesen, Lone; Mogensen, John Patrick; Pettersson, Ingrid; Sauerberg, Per

PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.

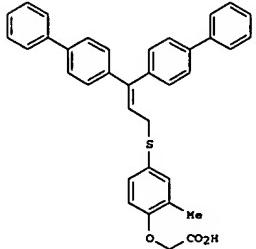
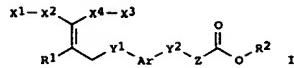
SOURCE: PCT Int. Appl., 78 pp.

CODEN: PIXXD2

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	US 2002-409814P	P 20020911		
	WO 2003-DK578	W 20030904		

OTHER SOURCE(S): MARPAT 140:270625
GI



AB Title vinyl carboxylic acid derivs. I (wherein X₁ and X₃ = independently (un)substituted (hetero)aryl; X₂ and X₄ = independently (un)substituted (hetero)arylene; Ar = (un)substituted arylene; Y₁ and Y₂ = independently

O or S; Z = (CH₂)_n; n = 1-3; R₁ = H, halo, or (un)substituted (cyclo)alkyl, alkenyl, alkyne, (hetero)aralkyl, (cyclo)alkoxy, aryloxy, (hetero)aralkoxy, (cyclo)alkylthio, arylthio; R₂ = H, (cyclo)alkyl, alkenyl, alkyne, or aryl; or pharmaceutically acceptable salts,

solutes, tautomers, stereoisomers, or polymorphs thereof) were prepared as peroxisome

proliferator-activated receptor δ (PPAR δ) agonists (no data). For example, 4,4'-dibromobenzenophenone was coupled with tri-Et

phosphonoacetate in the presence of NaH in toluene to give Et 3,3-bis(4-bromophenyl)acrylate (73%). Reduction using DBAL-H in THF

(76%), followed by ADDP-catalyzed condensation with (4-mercaptop-2-methylphenoxy)acetic acid Me ester in THF (88%) afforded (4-[3,3-bis(4-bromophenyl)allylsulfanyl]-2-methylphenoxy)acetic acid Me ester. Saponification (93%) and substitution with phenylboronic acid using KF,

Pd2(dba)3, and Pd(P(t-Bu)3)2 in THF (53%) provided II. Also disclosed is the use of I and their pharmaceutical compns. for the treatment of PPAR δ -mediated conditions, such as diabetes, impaired glucose tolerance, insulin resistance, or obesity (no data).

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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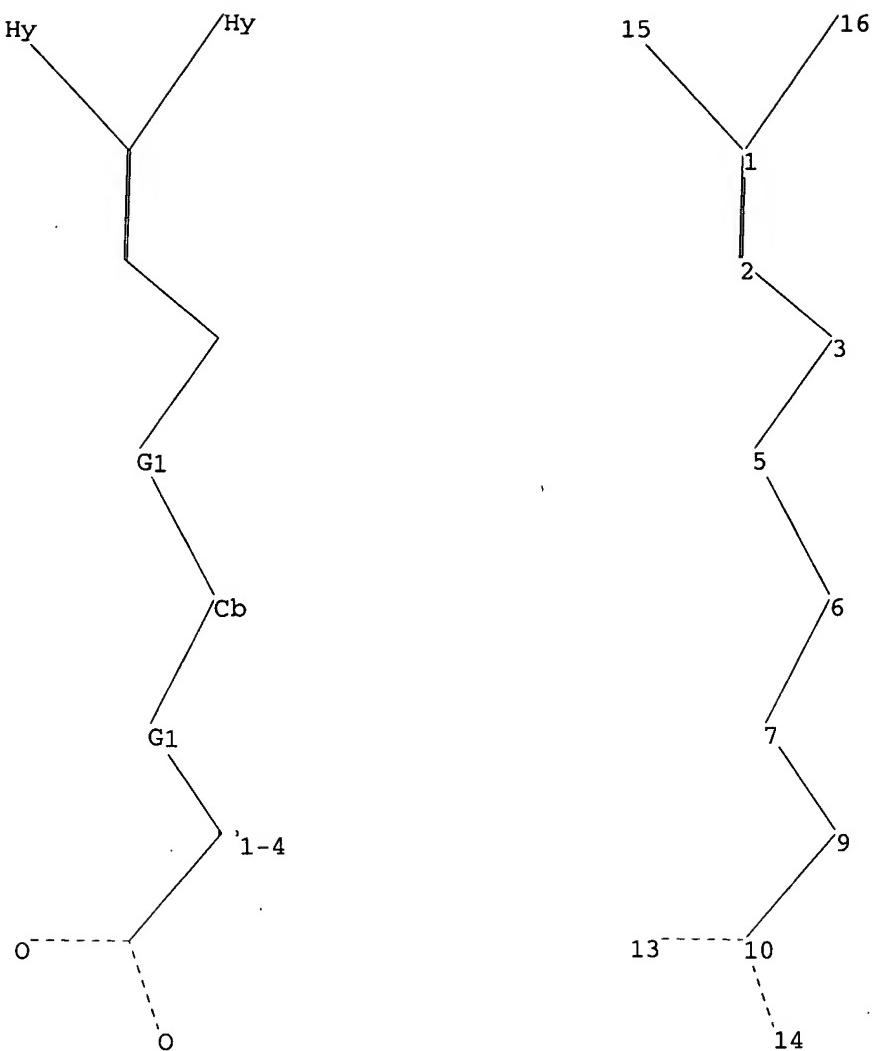
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<http://www.cas.org/ONLINE/DBSS/registryss.html>

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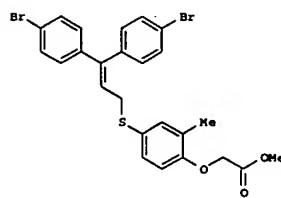
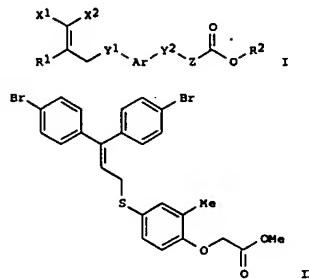
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L13 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:370892 CAPLUS
 DOCUMENT NUMBER: 140:374984
 TITLE: Preparation of [(diarylethyl)sulfanyl]phenoxy]acetic acids and esters as PPAR activators for treatment of diabetes and related conditions
 INVENTOR(S): Jeppesen, Lone; Mogenesen, John Patrick; Pettersson, Ingrid; Sauerberg, Per; Pihera, Pavel; Havranek, Miroslav
 PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
 SOURCE: PCT Int. Appl., 124 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037776	A2	20040506	WO 2003-DK722	20031027
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L13 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

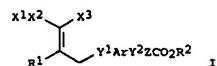


AB Title compds. I (wherein X₁ and X₂ = independently (un)substituted (hetero)aryl; Ar = (un)substituted arylene; Y₁ and Y₂ = independently O or S; Z = (CH₂)_n; n = 1-3; R₁ = H, halo, or optionally halo-substituted (cyclo)alkyl, alkenyl, alkynyl, (cyclo)alkoxy, aryloxy, (hetero)aralkoxy, (cyclo)alkylthio, or arylthio; R₂ = H, (cyclo)alkyl, alkenyl, alkynyl, alkenylnyl, or aryl; or pharmaceutically acceptable salts, solvates, tautomeric forms, stereoisomers, mixts. of stereoisomers, or polymorphs thereof) were prepared as peroxisome proliferator activated receptors (PPAR) activators (no data). Thus, I and their pharmaceutical compns. are useful for the treatment and/or prevention of conditions mediated by PPAR, particularly subtype PPAR₀, such as diabetes, impaired glucose tolerance, insulin resistance, obesity, dyslipidemia, syndrome X, cardiovascular disease, and hypercholesterolemia (no data). For example, coupling of 4,4'-dibromobenzophenone with tri-Et phosphonacetate in toluene and THF using NaH provided Et 3,3-bis(4-bromophenyl)acrylate (73%). Reduction of the ester to the alc. (76%) using DBAL-H in THF and toluene, followed by reaction with (4-mercaptop-2-methylphenoxy)acetic acid Me ester in the presence of ADPP and tributylphosphine in THF gave II (88%).

L13 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:370891 CAPLUS
 DOCUMENT NUMBER: 140:391127
 TITLE: Preparation of biphenylallylsulfanylphenoxyacetates and related compounds for treating peroxisome proliferator activated receptor (PPAR) mediated diseases
 INVENTOR(S): Jeppesen, Lone; Pettersson, Ingrid; Sauerberg, Per; Pihera, Pavel; Havranek, Miroslav
 PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
 SOURCE: PCT Int. Appl., 69 pp.
 CODEN: PIXXD2
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 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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OTHER SOURCE(S): MARPAT 140:391127
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AB Title compds. I (X₁, X₃ = (substituted) aryl, heteroaryl; X₂, Ar = (substituted) aryl, arylene; Y₁, Y₂ = O, S; Z = (CH₂)_n; n = 1-3; R₁ = H, halo, (substituted) alkyl, cycloalkyl, alkenyl, alkynyl, aralkyl, heteroaralkyl, alkoxy, cycloalkoxy, alkylthio, etc.; R₂ = H, alkyl, cycloalkyl, alkenyl, alkynyl, aryl, etc.) were prepared for treatment of PPAR mediated disease (no data). Thus, (4-(3,3-bis(4-bromophenyl)allylsulfanyl)-2-methylphenoxy)acetic acid (preparation given).

L13 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 PhB(OH)2, KF, pd2(dba)3, and Pd(P(tBu)3)2 were stirred in THF to give [4-(3-biphenyl-4-yl-3-(4-bromophenyl)allylsulfanyl)phenoxy]acetic acid.

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L13 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:370892 CAPLUS

DOCUMENT NUMBER: 140:374984

TITLE: Preparation of [(diarylallyl)sulfanylphenoxy]acetic acids and esters as PPAR activators for treatment of diabetes and related conditions

INVENTOR(S): Jeppesen, Lone; Mogensen, John Patrick; Pettersson, Ingrid; Sauerberg, Per; Pihera, Pavel; Havranek, Miroslav

PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
SOURCE: PCT Int. Appl. 124 pp.

CODEN: PIIXD2

DOCUMENT TYPE:

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LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

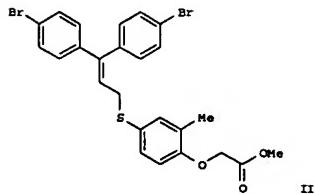
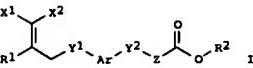
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WO 2004037776	A2	20040506	WO 2003-DK722	20031027
WO 2004037776	A3	20040610		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SV, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
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US 2005070583	A1	20050331	US 2003-693161	20031024
CA 2503280	AA	20040506	CA 2003-2503280	20031027
EP 1558572	A2	20050803	EP 2003-757741	20031027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.: DK 2002-1631	A	20021028		
DK 2003-793	A	20030526		
US 2002-423467P	P	20021104		
WO 2003-DK722	W	20031027		

OTHER SOURCE(S): MARPAT 140:374984

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L13 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



AB Title compds. I (wherein X1 and X2 = independently (un)substituted heteroaryl; Ar = (un)substituted arylene; Y1 and Y2 = independently O or

S; Z = (CH2)n; n = 1-3; R1 = H, halo, or optionally halo-substituted (cyclo)alkyl, alkenyl, alkynyl, (hetero)aralkyl, (cyclo)alkoxy, aryloxy, (hetero)aralkoxy, (cyclo)alkylthio, or arylthio; R2 = H, (cyclo)alkyl, alkenyl, alkynyl, alkenyl, or aryl; or pharmaceutically acceptable salts, solvates, tautomeric forms, stereoisomers, mixts. of stereoisomers,

or polymorphs thereof) were prepared as peroxisome proliferator activated receptors (PPAR) activators (no data). Thus, I and their pharmaceutical compns. are useful for the treatment and/or prevention of conditions mediated by PPAR, particularly subtype PPAR α , such as diabetes, impaired glucose tolerance, insulin resistance, obesity, dyslipidemia, syndrome X, cardiovascular disease, and hypercholesterolemia (no data).

For example, coupling of 4,4'-dibromobenzophenone with tri-Et phosphonoacetate

in toluene and THF using NaH provided Et 3,3-bis(4-bromophenyl)acrylate (73%). Reduction of the ester to the alc. (76%) using DIBAL-H in THF and toluene, followed by reaction with (4-mercaptop-2-methylphenoxy)acetic acid

Me ester in the presence of ADDP and tributylphosphine in THF gave II (88%).

IT 685139-48-4P, [4-[(3,3-Bis(3-methylthiophen-2-yl)allyl)sulfanyl]-2-trifluoromethylphenoxy]acetic acid

NL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic uses); BIOL (Biological study); PREP (Preparation); USES (Uses);

(PPAR activator; preparation of

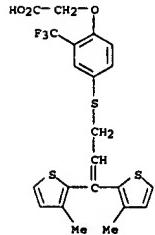
((diarylallyl)sulfanyl)phenoxy)acettes as

PPAR activators for treatment of diabetes and related conditions)

RN 685139-48-4 CAPLUS

CN Acetic acid, [4-[(3,3-bis(3-methyl-2-thienyl)-2-propenyl)thio]-2-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)

L13 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



L13 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:370891 CAPLUS

DOCUMENT NUMBER: 140:391127

TITLE: Preparation of biphenylallylsulfanylphenoxyacetates and related compounds for treating peroxisome proliferator activated receptor (PPAR) mediated diseases

INVENTOR(S): Jeppesen, Lone; Pettersson, Ingrid; Sauerberg, Per; Pihera, Pavel; Havranek, Miroslav

PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.

SOURCE: PCT Int. Appl. 69 pp.

CODEN: PIIXD2

DOCUMENT TYPE:

Patent

LANGUAGE: English

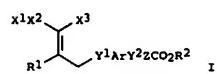
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037775	A1	20040506	WO 2003-DK723	20031027
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SV, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TU, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005080115	A1	20050414	US 2003-692561	20031024
CA 2503276	AA	20040506	CA 2003-2503276	20031027
EP 1558571	A1	20050803	EP 2003-757742	20031027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.: DK 2002-1629	A	20021028		
		US 2002-423644P	P	20021104
		WO 2003-DK723	W	20031027

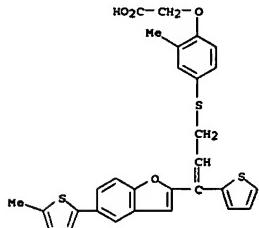
OTHER SOURCE(S): MARPAT 140:391127

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AB Title compds. I (X1, X3 = (substituted) aryl, heteroaryl; X2, Ar = (substituted) aryl, arylene; Y1, Y2 = O, S; Z = (CH2)n; n = 1-3; R1 = H, halo, (substituted) alkyl, cycloalkyl, alkenyl, alkynyl, aralkyl, heteroaralkyl, alkoxy, cycloalkoxy, alkylthio, etc.; R2 = H, alkyl, cycloalkyl, alkenyl, alkynyl, aryl, etc.). Were prepared for treatment of PPAR mediated disease (no data). Thus, [4-[(3,3-bis(4-bromophenyl)allylsulfanyl)-2-methylphenoxy]acetic acid (preparation given),

L13 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 PhB(OH)2, KF, Pd2(dba)3, and Pd(P(tBu)3)2 were stirred in THF to give
 {4-(3-biphenyl-4-yl-3-(4-bromophenyl)allylsulfanyl)phenoxy}acetic acid.
 IT 686774-28-79
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses);
 (preparation of biphenylallylsulfanylphenoxyacetates and related
 compds. for
 treating peroxisome proliferator activated receptor (PPAR) mediated
 diseases)
 RN 686774-28-7 CAPLUS
 CN Acetic acid,
 [2-methyl-4-[(3-[5-(5-methyl-2-thienyl)-2-benzofuranyl]-3-(2-
 thienyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	16.08	520.21
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.92	-7.30

STN INTERNATIONAL LOGOFF AT 17:20:53 ON 13 AUG 2005